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1850.

BY L. N. FOWLER.

CONTAINING THE PORTRAITS AND PHRENOLOGICAL DEVELOPMENTS OF MANY EMINENT INDIVIDUALS, WITH A DEFINITION OF ALL THE PHRENOLOGICAL ORGANS.

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PRICE SIX CENTS, OR FIFTY CENTS A DOZEN.

## ECLIPSES IN THE YEAR 1850.

There will be but two eclipses this year—both of which will be of the Sun.

I. There will be an annular eclipse of the Sun Feb. 12th, in the morning, at the time of new Moon. Invisible to any part of the American continent. This eclipse will be visible in the Great Indian Ocean, and the Southern parts of Asia and Africa.

II. There will be a total eclipse of the Sun August 7th, in the afternoon, at the time of new Moon. This eclipse will not be visible in the United States, except a very small portion in Louisiana and Texas. A partial eclipse will be visible in Oregon, California, Mexico, and the northern part of South America. The total eclipse will be visible through nearly the whole width of the Pacific Ocean.

## MORNING AND EVENING STARS.

Venus (♀) will be Morning Star until March 2nd; then Evening Star until December 16th; then Morning Star until September 30th, 1851. Mars (♂) will be Evening Star until November 29th; then Morning Star until 1852. Jupiter (♃) will be Morning Star until March 8th; then Evening Star until September 26th; then Morning Star until April 8th, 1851. Saturn (♄) will be Evening Star until March 31st; then Morning Star until October 10th; then Evening Star to April 14th, 1851.

## CHRONOLOGICAL CYCLES AND MOVABLE FEASTS.

Dominical Letter,.....	F	Easter Sunday,.....	March.....	31
Golden Number, or Lunar Cycle,.....	8	Rogation Sunday,.....	May.....	5
Epact, or Moon's age, Jan. 1st,.....	17	Ascension Day, (Pentecost,).....	May.....	9
Solar Cycle,.....	11	Whitsunday,.....	May.....	19
Roman Indiction,.....	8	Trinity Sunday,.....	May.....	26
Julian Period,.....	6563	Advent Sunday,.....	Dec.....	1

## EQUINOXES AND SOLSTICES.

	BOSTON.	NEW YORK.	WASH'TON.	CHAR'TON.	N ORLEANS
	H. M.	H. M.	H. M.	H. M.	H. M.
Vernal Equinox, March 20,.....	6 19 E.	6 7 E.	5 55 E.	5 43 E.	5 3 E.
Summer Solstice, June 21,.....	3 16 E.	3 4 E.	2 52 E.	2 40 E.	2 0 E.
Autumnal Equinox, Sept. 23,.....	5 16 M.	5 4 M.	4 52 M.	4 40 M.	4 0 M.
Winter Solstice, Dec. 21,.....	10 54 E.	10 42 E.	10 30 E.	10 18 E.	9 38 E.

## TIDE TABLE.

To find the time of High Water at any of the following places, add to or subtract from the time of high water in the morning or afternoon at New York the quantity of time affixed thereto in the table. A signifies add, S subtract.

PLACES.	H. M.	PLACES.	H. M.
Albany,.....	A. 6 34	New Haven,.....	A. 2 4
Amboy,.....	S. 39	New London,.....	S. 21
Baltimore,.....	A. 5 7	Newport,.....	S. 1 55
Boston,.....	A. 2 19	Norfolk,.....	S. 41
Bridgeport,.....	A. 2 0	Norwich, Conn.,.....	A. 2 2
Cape Cod,.....	A. 2 19	Philadelphia,.....	A. 5 19
Charleston,.....	S. 1 41	Plymouth,.....	A. 2 19
Eastport,.....	A. 2 9	Portland,.....	A. 1 39
Fairfield,.....	A. 2 4	Portsmouth,.....	A. 2 9
Florida Keys,.....	S. 31	Providence,.....	S. 41
Halifax,.....	A. 10 9	Quebec,.....	A. 8 49
Holme's Hole,.....	A. 1 4	Richmond, Va.,.....	A. 10 0
Marblehead,.....	A. 1 49	Salem,.....	A. 2 19
Nantucket Shoals,.....	A. 1 34	Sandy Hook,.....	A. 9 35
New Bedford,.....	A. 1 40	Savannah,.....	S. 1 20

## EXPLANATION OF THE SIGNS.

♈, Aries; ♉, Taurus; ♊, Gemini; ♋, Cancer; ♌, Leo; ♍, Virgo; ♎, Libra; ♏, Scorpio; ♐, Sagittarius; ♑, Capricorn; ♒, Aquarius; ♓, Pisces; ☉, Sun; ☾, Moon; ☿, Mercury; ♀, Venus; ♂, Mars; ♃, Jupiter; ♄, Saturn; ♀, Hershel. 8. 180°, or half the circle of the sky apart; ♊, 90°, or one-fourth the circle; ♋, conjunction, or together.—♊, ascending node; ♋, descending node.



24 MONTH.

FEBRUARY, 1850.

28 DAYS.

MOON'S PHASES.		BOSTON.		NEW YORK.		BALTIMORE.		CHARLES'N.		SUN ON MERID.		
	P.	H.	M.	H.	M.	H.	M.	H.	M.	P.	M.	S.
Third Quarter	3	8	34 ev.	8	23 ev.	8	11 ev.	7	58 ev.	1	0	13 55
New Moon - -	12	1	45 mo.	1	33 mo.	1	22 mo.	1	9 mo.	9	0	14 31
First Quarter	19	3	28 ev.	3	16 ev.	3	5 ev.	2	52 ev.	17	0	14 18
Full Moon - -	26	7	16 mo.	7	4 mo.	6	53 mo.	6	40 mo.	25	0	13 18

CALENDAR FOR		CALENDAR FOR		CALENDAR FOR		CALENDAR FOR		CALENDAR FOR		CALENDAR FOR		CALENDAR FOR	
BOSTON; NEW ENGLAND,		NEW YORK CITY; PHIL.,		BALTIMORE; VIR-		CHARLESTON; N. CARO-		BALTIMORE; VIR-		CHARLESTON; N. CARO-		BALTIMORE; VIR-	
NEW YORK STATE, MICH.,		CONN., N. JERSEY, PENN.,		GINIA, KENTUCKY,		LINA, TENN., GEO., ALA.,		GINIA, KENTUCKY,		LINA, TENN., GEO., ALA.,		GINIA, KENTUCKY,	
WISCONSIN, AND IOWA.		OHIO, INDIANA, AND ILL.'S.		AND MISSOURI.		MISSISS., AND LOUISIANA.		AND MISSOURI.		MISSISS., AND LOUISIANA.		AND MISSOURI.	
Day of Month.	Day of Week.	Day of Month.	Day of Week.	Day of Month.	Day of Week.	Day of Month.	Day of Week.	Day of Month.	Day of Week.	Day of Month.	Day of Week.	Day of Month.	Day of Week.
1 Fr	1 Fr	1 Fr	1 Fr	1 Fr	1 Fr	1 Fr	1 Fr	1 Fr	1 Fr	1 Fr	1 Fr	1 Fr	1 Fr
2 Sa	2 Sa	2 Sa	2 Sa	2 Sa	2 Sa	2 Sa	2 Sa	2 Sa	2 Sa	2 Sa	2 Sa	2 Sa	2 Sa
3 Su	3 Su	3 Su	3 Su	3 Su	3 Su	3 Su	3 Su	3 Su	3 Su	3 Su	3 Su	3 Su	3 Su
4 M	4 M	4 M	4 M	4 M	4 M	4 M	4 M	4 M	4 M	4 M	4 M	4 M	4 M
5 Tu	5 Tu	5 Tu	5 Tu	5 Tu	5 Tu	5 Tu	5 Tu	5 Tu	5 Tu	5 Tu	5 Tu	5 Tu	5 Tu
6 W	6 W	6 W	6 W	6 W	6 W	6 W	6 W	6 W	6 W	6 W	6 W	6 W	6 W
7 Th	7 Th	7 Th	7 Th	7 Th	7 Th	7 Th	7 Th	7 Th	7 Th	7 Th	7 Th	7 Th	7 Th
8 Fr	8 Fr	8 Fr	8 Fr	8 Fr	8 Fr	8 Fr	8 Fr	8 Fr	8 Fr	8 Fr	8 Fr	8 Fr	8 Fr
9 Sa	9 Sa	9 Sa	9 Sa	9 Sa	9 Sa	9 Sa	9 Sa	9 Sa	9 Sa	9 Sa	9 Sa	9 Sa	9 Sa
10 Su	10 Su	10 Su	10 Su	10 Su	10 Su	10 Su	10 Su	10 Su	10 Su	10 Su	10 Su	10 Su	10 Su
11 M	11 M	11 M	11 M	11 M	11 M	11 M	11 M	11 M	11 M	11 M	11 M	11 M	11 M
12 Tu	12 Tu	12 Tu	12 Tu	12 Tu	12 Tu	12 Tu	12 Tu	12 Tu	12 Tu	12 Tu	12 Tu	12 Tu	12 Tu
13 W	13 W	13 W	13 W	13 W	13 W	13 W	13 W	13 W	13 W	13 W	13 W	13 W	13 W
14 Th	14 Th	14 Th	14 Th	14 Th	14 Th	14 Th	14 Th	14 Th	14 Th	14 Th	14 Th	14 Th	14 Th
15 Fr	15 Fr	15 Fr	15 Fr	15 Fr	15 Fr	15 Fr	15 Fr	15 Fr	15 Fr	15 Fr	15 Fr	15 Fr	15 Fr
16 Sa	16 Sa	16 Sa	16 Sa	16 Sa	16 Sa	16 Sa	16 Sa	16 Sa	16 Sa	16 Sa	16 Sa	16 Sa	16 Sa
17 Su	17 Su	17 Su	17 Su	17 Su	17 Su	17 Su	17 Su	17 Su	17 Su	17 Su	17 Su	17 Su	17 Su
18 M	18 M	18 M	18 M	18 M	18 M	18 M	18 M	18 M	18 M	18 M	18 M	18 M	18 M
19 Tu	19 Tu	19 Tu	19 Tu	19 Tu	19 Tu	19 Tu	19 Tu	19 Tu	19 Tu	19 Tu	19 Tu	19 Tu	19 Tu
20 W	20 W	20 W	20 W	20 W	20 W	20 W	20 W	20 W	20 W	20 W	20 W	20 W	20 W
21 Th	21 Th	21 Th	21 Th	21 Th	21 Th	21 Th	21 Th	21 Th	21 Th	21 Th	21 Th	21 Th	21 Th
22 Fr	22 Fr	22 Fr	22 Fr	22 Fr	22 Fr	22 Fr	22 Fr	22 Fr	22 Fr	22 Fr	22 Fr	22 Fr	22 Fr
23 Sa	23 Sa	23 Sa	23 Sa	23 Sa	23 Sa	23 Sa	23 Sa	23 Sa	23 Sa	23 Sa	23 Sa	23 Sa	23 Sa
24 Su	24 Su	24 Su	24 Su	24 Su	24 Su	24 Su	24 Su	24 Su	24 Su	24 Su	24 Su	24 Su	24 Su
25 M	25 M	25 M	25 M	25 M	25 M	25 M	25 M	25 M	25 M	25 M	25 M	25 M	25 M
26 Tu	26 Tu	26 Tu	26 Tu	26 Tu	26 Tu	26 Tu	26 Tu	26 Tu	26 Tu	26 Tu	26 Tu	26 Tu	26 Tu
27 W	27 W	27 W	27 W	27 W	27 W	27 W	27 W	27 W	27 W	27 W	27 W	27 W	27 W
28 Th	28 Th	28 Th	28 Th	28 Th	28 Th	28 Th	28 Th	28 Th	28 Th	28 Th	28 Th	28 Th	28 Th

CALENDAR FOR BOSTON, NEW ENGLAND, NEW YORK STATE, MICH., WISCONSIN, AND IOWA.		CALENDAR FOR NEW YORK CITY, PHIL., CONN., N. JERSEY, PENN., OHIO, INDIANA, AND ILLI'.		CALENDAR FOR BALTIMORE, VIR- GINIA, KENTUCKY, AND MISSOURI.		CALENDAR FOR CHARLESTON, N. CARO- LINA, TENN., GEO., ALA., MISSISS., AND LOUISIANA.		MOON'S PHASES.		BOSTON.		NEW YORK.		BALTIMORE.		CHARLES'N.		SUM OF MERID.			
Day of Month.	Day of Week.	Sun Rises.	Sun Sets.	Moon Rises.	H. W. Boat'n.	Sun Rises.	Sun Sets.	Moon Rises.	H. W. Boat'n.	Sun Rises.	Sun Sets.	Moon Rises.	H. W. Boat'n.	Sun Rises.	Sun Sets.	Moon Rises.	H. W. Boat'n.	Sun Rises.	Sun Sets.	Moon Rises.	H. W. Boat'n.
1	Fr	6 38	5 48	9 37	1 31	6 36	5 50	9 37	1 55	6 35	5 51	9 36	1 31	6 30	5 56	9 32	1 31	6 30	5 56	9 32	1 31
2	Sa	6 36	5 49	10 41	2 11	6 35	5 51	10 39	1 35	6 34	5 52	10 38	1 35	6 29	5 57	10 31	1 31	6 29	5 57	10 31	1 31
3	F	6 45	5 50	11 43	2 47	6 33	5 52	11 40	ev. 11	6 33	5 52	11 38	ev. 11	6 28	5 57	11 28	10 47	6 28	5 57	11 28	10 47
4	M	6 22	5 52	morn	3 27	6 33	5 52	morn	0 51	6 32	5 53	morn	0 51	6 26	5 58	morn	11 27	6 26	5 58	morn	11 27
5	Tu	5 59	5 53	0 41	4 4	6 30	5 54	0 38	1 28	6 29	5 55	0 35	0 35	6 25	5 59	0 23	ev. 4	6 25	5 59	0 23	ev. 4
6	W	5 36	5 54	1 37	4 49	6 29	5 55	1 33	2 13	6 28	5 56	1 30	1 30	6 24	6 0	1 16	0 49	6 24	6 0	1 16	0 49
7	Th	5 12	5 55	2 29	5 50	6 27	5 56	2 24	3 14	6 26	5 57	2 21	2 21	6 23	6 0	2 7	1 50	6 23	6 0	2 7	1 50
8	Fr	4 49	5 56	3 17	7 12	6 25	5 57	3 12	4 36	6 25	5 58	3 9	3 9	6 21	6 1	2 54	3 12	6 21	6 1	2 54	3 12
9	Sa	4 25	5 57	4 0	8 34	6 24	5 58	3 56	5 58	6 23	5 59	3 53	3 53	6 20	6 2	3 39	4 34	6 20	6 2	3 39	4 34
10	F	4 2	5 59	4 40	9 45	6 23	5 59	4 40	7 9	6 22	6 0	4 36	7 9	6 19	6 3	4 21	5 45	6 19	6 3	4 21	5 45
11	M	3 38	5 55	5 15	10 33	6 20	6 1	5 13	7 57	6 20	6 1	5 10	5 10	6 18	6 4	5 37	7 33	6 18	6 4	5 37	7 33
12	Tu	3 15	5 56	5 49	11 33	6 19	6 2	5 46	8 37	6 18	6 2	5 45	5 45	6 16	6 5	5 37	7 50	6 16	6 5	5 37	7 50
13	W	2 51	5 43	6 18	11 50	6 17	6 3	sets.	9 14	6 17	6 3	sets.	9 14	6 15	6 5	sets.	7 50	6 15	6 5	sets.	7 50
14	Th	2 28	5 46	6 16	3 54	6 16	6 4	6 55	9 46	6 16	6 4	6 55	9 46	6 14	6 6	6 57	8 22	6 14	6 6	6 57	8 22
15	Fr	2 4	5 46	6 14	5 7 58	6 14	6 5	7 58	10 18	6 14	6 5	7 58	10 18	6 13	6 7	7 56	8 54	6 13	6 7	7 56	8 54
16	Sa	1 40	5 44	6 13	6 9 3	6 12	6 6	9 2	11 50	6 12	6 6	9 1	11 50	6 11	6 8	8 56	9 26	6 11	6 8	8 56	9 26
17	F	1 17	5 44	6 11	7 10 10	6 11	6 7	10 11	12 25	6 11	6 7	10 6	12 25	6 10	6 8	9 58	10 1	6 10	6 8	9 58	10 1
18	M	0 53	5 19	6 9	8 11 16	6 9	6 8	11 13	12 0	6 9	6 8	11 11	12 0	6 8	6 9	11 0	10 36	6 8	6 9	11 0	10 36
19	Tu	0 29	37	6 7	9	6 7	6 9	morn	morn	6 7	6 9	morn	morn	6 7	6 9	morn	11 17	6 7	6 9	morn	11 17
20	W	S. 5 55	6 6	6 10	0 22	6 6	6 10	0 18	0 41	6 6	6 10	0 16	0 16	6 6	6 10	0 3	morn	6 6	6 10	0 3	morn
21	Th	N. 17	46	6 4	12 1 25	6 4	6 11	1 21	1 26	6 4	6 11	1 18	1 18	6 4	6 11	1 4	0 1	6 4	6 11	1 4	0 1
22	Fr	O 41	26	6 2	13 2 23	6 2	6 12	2 19	2 22	6 2	6 12	2 16	2 16	6 2	6 12	2 2	0 58	6 2	6 12	2 2	0 58
23	Sa	F 1	5 4	6 0	14 3 16	6 14	6 13	3 12	3 38	6 1	6 13	3 9	3 9	6 0	6 13	3 46	3 48	6 0	6 13	3 46	3 48
24	F	1 28	41	5 59	6 15 4	2 7 48	5 59	6 15	3 59	5 12	5 59	6 14	3 57	6 0	6 13	4 31	5 12	5 59	6 14	4 31	5 12
25	M	1 52	15	5 57	6 16 4 43	9 12	5 57	6 16	4 41	6 36	5 58	6 15	4 39	5 58	6 15	5 58	6 15	5 58	6 15	5 58	6 15
26	Tu	2 15	46	5 53	6 17 5 20	10 15	5 56	6 17	5 19	7 39	5 56	6 16	5 18	5 57	6 16	5 56	6 16	5 57	6 16	5 56	6 16
27	Th	2 39	15	5 53	6 18	ris.	5 54	6 18	ris.	8 29	5 54	6 18	ris.	5 54	6 18	7 14	7 5	5 54	6 18	7 14	7 5
28	W	3 2	41	5 52	6 19 7 17	11 49	5 52	6 19	7 17	9 13	5 53	6 18	7 17	5 53	6 18	7 15	8 28	5 53	6 18	7 15	8 28
29	Fr	3 26	3	5 50	6 21 8 23	ev. 28	5 51	6 20	8 23	9 52	5 51	6 19	8 21	5 51	6 18	8 15	9 7	5 51	6 18	8 15	9 7
30	Sa	3 49	20	5 48	6 22 9 27	1 7	5 49	6 21	9 25	10 31	5 49	6 21	9 23	5 49	6 21	9 14	9 7	5 49	6 21	9 14	9 7
31	F	4 12	34	5 46	6 23 10 28	1 43	5 47	6 22	10 25	11 7	5 47	6 22	10 22	5 47	6 22	10 11	9 43	5 47	6 22	10 11	9 43

4th MONTH.

APRIL, 1850.

30 DAYS.

MOON'S PHASES.		BOSTON.		NEW YORK.		BALTIMORE.		CHARLES'N.		SUN ON MERID.		
	P.	H. M.		H. M.	H. M.	H. M.	H. M.	H. M.		P.	H. M.	S.
Third Quarter	4	11 0 mo.	10 48 mo.	10 37 mo.	10 24 mo.	10 24 mo.	10 24 mo.	10 24 mo.	1	0	3 55	
New Moon - -	12	8 3 mo.	7 51 mo.	7 40 mo.	7 27 mo.	7 27 mo.	7 27 mo.	7 27 mo.	9	0	1 35	
First Quarter	19	5 23 mo.	5 11 mo.	5 0 mo.	4 47 mo.	4 47 mo.	4 47 mo.	4 47 mo.	17	morning.		
Full Moon - -	26	6 36 mo.	6 24 mo.	6 13 mo.	6 0 mo.	6 0 mo.	6 0 mo.	6 0 mo.	25	11 57 51		

CALENDAR FOR CHARLESTON; N. CAROLINA, TENN., GEO., ALA., MISSISS., AND LOUISIANA.											
Day of Month.	Day of Week.	Sun	Rises.	Sets.	Moon	Rises.	H. W.	Ch'rs.	Sun	Rises.	H. W.
1	M	5 50	6 19	11 6	10 19	11 59	10 19		5 49	6 19	11 59
2	Tu	5 49	6 19	11 59	10 53	11 31	10 53		5 46	6 21	0 48
3	W	5 47	6 20	12 0	11 14	1 6	11 14		5 45	6 21	1 34
4	Th	5 46	6 21	1 34	1 6	2 23	1 6		5 44	6 22	2 18
5	Fr	5 45	6 22	2 57	2 47	3 47	2 47		5 42	6 23	3 34
6	Sa	5 42	6 23	4 10	3 56	4 56	3 56		5 40	6 24	4 45
7	Su	5 38	6 25	5 20	5 15	6 15	5 15		5 36	6 26	6 26
8	M	5 35	6 27	6 26	6 26	7 26	6 26		5 33	6 28	7 48
9	Tu	5 32	6 28	7 48	7 48	8 48	7 48		5 30	6 30	8 52
10	W	5 29	6 30	8 52	8 52	9 52	8 52		5 26	6 32	9 56
11	Th	5 26	6 32	9 56	9 56	10 56	9 56		5 23	6 34	10 59
12	Fr	5 23	6 34	10 59	10 59	11 59	10 59		5 20	6 36	11 59
13	Sa	5 20	6 36	11 59	11 59	12 59	11 59		5 17	6 38	12 59
14	Su	5 17	6 38	12 59	12 59	1 59	12 59		5 14	6 40	1 59
15	M	5 14	6 40	1 59	1 59	2 59	1 59		5 11	6 42	2 59
16	Tu	5 11	6 42	2 59	2 59	3 59	2 59		5 08	6 44	3 59
17	W	5 08	6 44	3 59	3 59	4 59	3 59		5 05	6 46	4 59
18	Th	5 05	6 46	4 59	4 59	5 59	4 59		5 02	6 48	5 59
19	Fr	5 02	6 48	5 59	5 59	6 59	5 59		4 59	6 50	6 59
20	Sa	4 59	6 50	6 59	6 59	7 59	6 59		4 56	6 52	7 59
21	Su	4 56	6 52	7 59	7 59	8 59	7 59		4 53	6 54	8 59
22	M	4 53	6 54	8 59	8 59	9 59	8 59		4 50	6 56	9 59
23	Tu	4 50	6 56	9 59	9 59	10 59	9 59		4 47	6 58	10 59
24	W	4 47	6 58	10 59	10 59	11 59	10 59		4 44	7 00	11 59
25	Th	4 44	7 00	11 59	11 59	12 59	11 59		4 41	7 02	12 59
26	Fr	4 41	7 02	12 59	12 59	1 59	12 59		4 38	7 04	1 59
27	Sa	4 38	7 04	1 59	1 59	2 59	1 59		4 35	7 06	2 59
28	Su	4 35	7 06	2 59	2 59	3 59	2 59		4 32	7 08	3 59
29	M	4 32	7 08	3 59	3 59	4 59	3 59		4 29	7 10	4 59
30	Tu	4 29	7 10	4 59	4 59	5 59	4 59		4 26	7 12	5 59

CALENDAR FOR NEW YORK CITY; PHIL., CONN., N. JERSEY, PENN., OHIO, INDIANA, AND ILL'.											
Day of Month.	Day of Week.	Sun	Rises.	Sets.	Moon	Rises.	H. W.	N. Y.	Sun	Rises.	H. W.
1	M	5 46	6 23	11 22	11 43	12 11	11 43		5 45	6 24	11 22
2	Tu	5 44	6 24	12 0	12 0	1 0	12 0		5 43	6 25	1 0
3	W	5 43	6 25	1 0	1 0	2 0	1 0		5 41	6 26	2 0
4	Th	5 41	6 26	2 0	2 0	3 0	2 0		5 39	6 27	3 0
5	Fr	5 39	6 27	3 0	3 0	4 0	3 0		5 37	6 28	4 0
6	Sa	5 36	6 28	4 0	4 0	5 0	4 0		5 34	6 30	5 0
7	Su	5 33	6 30	5 0	5 0	6 0	5 0		5 31	6 32	6 0
8	M	5 30	6 32	6 0	6 0	7 0	6 0		5 28	6 34	7 0
9	Tu	5 27	6 34	7 0	7 0	8 0	7 0		5 25	6 36	8 0
10	W	5 24	6 36	8 0	8 0	9 0	8 0		5 22	6 38	9 0
11	Th	5 21	6 38	9 0	9 0	10 0	9 0		5 19	6 40	10 0
12	Fr	5 18	6 40	10 0	10 0	11 0	10 0		5 16	6 42	11 0
13	Sa	5 15	6 42	11 0	11 0	12 0	11 0		5 13	6 44	12 0
14	Su	5 12	6 44	12 0	12 0	1 0	12 0		5 10	6 46	1 0
15	M	5 09	6 46	1 0	1 0	2 0	1 0		5 07	6 48	2 0
16	Tu	5 06	6 48	2 0	2 0	3 0	2 0		5 04	6 50	3 0
17	W	5 03	6 50	3 0	3 0	4 0	3 0		5 01	6 52	4 0
18	Th	5 00	6 52	4 0	4 0	5 0	4 0		4 58	6 54	5 0
19	Fr	4 57	6 54	5 0	5 0	6 0	5 0		4 55	6 56	6 0
20	Sa	4 54	6 56	6 0	6 0	7 0	6 0		4 52	6 58	7 0
21	Su	4 51	6 58	7 0	7 0	8 0	7 0		4 49	7 00	8 0
22	M	4 48	7 00	8 0	8 0	9 0	8 0		4 46	7 02	9 0
23	Tu	4 45	7 02	9 0	9 0	10 0	9 0		4 43	7 04	10 0
24	W	4 42	7 04	10 0	10 0	11 0	10 0		4 40	7 06	11 0
25	Th	4 39	7 06	11 0	11 0	12 0	11 0		4 37	7 08	12 0
26	Fr	4 36	7 08	12 0	12 0	1 0	12 0		4 34	7 10	1 0
27	Sa	4 33	7 10	1 0	1 0	2 0	1 0		4 31	7 12	2 0
28	Su	4 30	7 12	2 0	2 0	3 0	2 0		4 28	7 14	3 0
29	M	4 27	7 14	3 0	3 0	4 0	3 0		4 25	7 16	4 0
30	Tu	4 24	7 16	4 0	4 0	5 0	4 0		4 22	7 18	5 0

CALENDAR FOR BOSTON; NEW ENGLAND, NEW YORK STATE, MICH., WISCONSIN, AND IOWA.											
Day of Month.	Day of Week.	Sun	Rises.	Sets.	Moon	Rises.	H. W.	Bost'n.	Sun	Rises.	H. W.
1	M	5 45	6 24	11 26	2 19	2 19	2 19		5 44	6 25	11 26
2	Tu	5 43	6 25	12 0	2 53	2 53	2 53		5 42	6 26	12 0
3	W	5 41	6 26	1 0	3 31	3 31	3 31		5 40	6 27	1 0
4	Th	5 40	6 27	1 0	4 14	4 14	4 14		5 38	6 28	1 0
5	Fr	5 38	6 28	1 56	5 6	5 6	5 6		5 36	6 29	1 56
6	Sa	5 36	6 29	2 37	6 23	6 23	6 23		5 34	6 30	2 37
7	Su	5 34	6 30	3 14	7 47	7 47	7 47		5 32	6 32	3 14
8	M	5 31	6 32	3 48	9 0	9 0	9 0		5 29	6 34	3 48
9	Tu	5 28	6 34	4 19	9 56	9 56	9 56		5 26	6 36	4 19
10	W	5 25	6 36	4 49	10 39	10 39	10 39		5 23	6 38	4 49
11	Th	5 22	6 38	5 19	11 15	11 15	11 15		5 20	6 40	5 19
12	Fr	5 19	6 40	5 58	11 48	11 48	11 48		5 17	6 42	5 58
13	Sa	5 16	6 42	6 37	12 15	12 15	12 15		5 14	6 44	6 37
14	Su	5 13	6 44	7 15	12 48	12 48	12 48		5 11	6 46	7 15
15	M	5 10	6 46	7 58	1 0	1 0	1 0		5 08	6 48	7 58
16	Tu	5 07	6 48	8 37	1 37	1 37	1 37		5 05	6 50	8 37
17	W	5 04	6 50	9 16	2 17	2 17	2 17		5 02	6 52	9 16
18	Th	5 01	6 52	9 55	3 0	3 0	3 0		4 59	6 54	9 55
19	Fr	4 58	6 54	10 34	3 49	3 49	3 49		4 56	6 56	10 34
20	Sa	4 55	6 56	11 13	4 30	4 30	4 30		4 53	6 58	11 13
21	Su	4 52	6 58	11 52	5 11	5 11	5 11		4 50	7 00	11 52
22	M	4 49	7 00	12 31	5 54	5 54	5 54		4 47	7 02	12 31
23	Tu	4 46	7 02	1 10	6 37	6 37	6 37		4 44	7 04	1 10
24	W	4 43	7 04	1 49	7 20	7 20	7 20		4 41	7 06	1 49
25	Th	4 40	7 06	2 28	8 0	8 0	8 0		4 38	7 08	2 28
26	Fr	4 37	7 08	3 07	8 43	8 43	8 43		4 35	7 10	3 07
27	Sa	4 34	7 10	3 46	9 26	9 26	9 26		4 32	7 12	3 46
28	Su	4 31	7 12	4 25	10 9	10 9	10 9		4 29	7 14	4 25
29	M	4 28	7 14	5 4	10 52	10 52	10 52		4 26	7 16	5 4
30	Tu	4 25	7 16	6 11	11 35	11 35	11 35		4 23	7 18	6 11



5th MONTH.

MAY, 1850.

21 DAYS.

MOON'S PHASES.		BOSTON.		NEW YORK.		BALTIMORE.		CHARLES'N.		SUN ON MERID.			
	D.	H.	M.	H.	M.	H.	M.	H.	M.	D.	H.	M.	S.
Third Quarter	4	6	2 mo.	5	50 mo.	5	39 mo.	5	26 mo.	1	11	56	56
New Moon	11	6	23 ev.	6	13 ev.	6	2 ev.	5	49 ev.	9	11	56	13
First Quarter	18	11	8 mo.	10	56 mo.	10	45 mo.	10	32 mo.	17	11	56	7
Full Moon	25	7	24 ev.	7	12 ev.	7	1 ev.	6	48 ev.	25	11	56	36

CALENDAR FOR CHARLESTON; N. CAROLINA, TENN., GEO., ALA., MISSIS., AND LOUISIANA.													
Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.
H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
5 15 6	5 14 6	5 13 6	5 12 6	5 11 6	5 10 6	5 9 6	5 8 6	5 7 6	5 6 6	5 5 6	5 4 6	5 3 6	5 2 6
40	40	40	40	40	40	40	40	40	40	40	40	40	40
11 29	11 29	11 29	11 29	11 29	11 29	11 29	11 29	11 29	11 29	11 29	11 29	11 29	11 29
10 25	10 25	10 25	10 25	10 25	10 25	10 25	10 25	10 25	10 25	10 25	10 25	10 25	10 25

CALENDAR FOR BALTIMORE; VIRGINIA, KENTUCKY, AND MISSOURI.													
Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.
H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
5 36 51	5 36 51	5 36 51	5 36 51	5 36 51	5 36 51	5 36 51	5 36 51	5 36 51	5 36 51	5 36 51	5 36 51	5 36 51	5 36 51
11 44	11 44	11 44	11 44	11 44	11 44	11 44	11 44	11 44	11 44	11 44	11 44	11 44	11 44
4 5	4 5	4 5	4 5	4 5	4 5	4 5	4 5	4 5	4 5	4 5	4 5	4 5	4 5

CALENDAR FOR NEW YORK CITY; PAUL., CONN., N. JERSEY, PENN., OHIO, INDIANA, AND ILL'S.													
Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.
H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
5 16 54	5 16 54	5 16 54	5 16 54	5 16 54	5 16 54	5 16 54	5 16 54	5 16 54	5 16 54	5 16 54	5 16 54	5 16 54	5 16 54
11 47	11 47	11 47	11 47	11 47	11 47	11 47	11 47	11 47	11 47	11 47	11 47	11 47	11 47
4 59 6	4 59 6	4 59 6	4 59 6	4 59 6	4 59 6	4 59 6	4 59 6	4 59 6	4 59 6	4 59 6	4 59 6	4 59 6	4 59 6

CALENDAR FOR BOSTON; NEW ENGLAND, NEW YORK STATE, MICH., WISCONSIN, AND IOWA.													
Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.	Rises.
H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
4 57 6	4 57 6	4 57 6	4 57 6	4 57 6	4 57 6	4 57 6	4 57 6	4 57 6	4 57 6	4 57 6	4 57 6	4 57 6	4 57 6
11 51	11 51	11 51	11 51	11 51	11 51	11 51	11 51	11 51	11 51	11 51	11 51	11 51	11 51
4 56 6	4 56 6	4 56 6	4 56 6	4 56 6	4 56 6	4 56 6	4 56 6	4 56 6	4 56 6	4 56 6	4 56 6	4 56 6	4 56 6

Day of Month.	Day of Week.	Sun's Decl. N.
1	W	6 46
2	Th	15 42 46
3	Fr	15 24 46
4	Sa	15 42 46
5	Mo	15 59 38
6	Tu	16 17 11
7	W	16 34 8
8	Th	16 50 48
9	Fr	17 7 12
10	Sa	17 23 19
11	Mo	17 39 9
12	Tu	17 54 40
13	W	18 9 53
14	Th	18 24 50
15	Fr	18 39 27
16	Sa	18 53 45
17	Mo	19 7 44
18	Tu	19 21 23
19	W	19 34 43
20	Th	19 47 43
21	Fr	20 0 22
22	Sa	20 12 41
23	Mo	20 24 40
24	Tu	20 36 17
25	W	20 47 33
26	Th	20 58 28
27	Fr	21 9 13
28	Sa	21 29 1
29	Mo	21 38 29
30	Tu	21 47 33
31	W	21 56 15

6th MONTH.

JUNE, 1850.

30 DAYS.

MOON'S PHASES.		BOSTON.		NEW YORK.		BALTIMORE.		CHARLES'TN.		SUN ON MERID.		
	D.	H.	M.	H.	M.	H.	M.	H.	M.	D.	H.	M.
Third Quarter	2	11	3 ev.	10	51 ev.	10	40 ev.	10	27 ev.	1	11	57 27
New Moon - .	10	2	36 mo.	2	24 mo.	2	13 mo.	2	0 mo.	9	11	58 51
First Quarter	16	5	39 ev.	5	27 ev.	5	16 ev.	5	3 ev.	17	ev.	0 30
Full Moon - .	24	9	26 mo.	9	14 mo.	9	3 mo.	8	50 mo.	25	0	2 13

CALENDAR FOR CHARLESTON; N. CARO- LINA, TENN., GEO., ALA., MISSISS., AND LOUISIANA.											
Day of Month.	Day of Week.	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
1	Sa	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
2	F	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
3	M	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
4	Tu	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
5	W	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
6	Th	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
7	Fr	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
8	Sa	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
9	F	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
10	M	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
11	Tu	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
12	W	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
13	Th	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
14	Fr	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
15	Sa	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
16	F	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
17	M	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
18	Tu	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
19	W	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
20	Th	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
21	Fr	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
22	Sa	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
23	F	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
24	M	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
25	Tu	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
26	W	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
27	Th	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
28	Fr	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
29	Sa	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
30	F	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7

CALENDAR FOR NEW YORK CITY; PHIL., CONN., N. JERSEY, PENN., OHIO, INDIANA, AND ILL.'s.											
Day of Month.	Day of Week.	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
1	Sa	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
2	F	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
3	M	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
4	Tu	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
5	W	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
6	Th	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
7	Fr	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
8	Sa	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
9	F	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
10	M	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
11	Tu	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
12	W	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
13	Th	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
14	Fr	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
15	Sa	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
16	F	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
17	M	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
18	Tu	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
19	W	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
20	Th	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
21	Fr	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
22	Sa	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
23	F	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
24	M	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
25	Tu	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
26	W	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
27	Th	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
28	Fr	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
29	Sa	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7
30	F	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7	4 37 7



7th MONTH.

JULY, 1850.

31 DAYS.

MOON'S PHASES.				BOSTON.		NEW YORK.		BALTIMORE.		CHARLES'N.		SUN ON MERID.		
		P.		H.	M.	H.	M.	H.	M.	H.	M.	P.	H.	M.
Third Quarter		2		1	14	ev.		0	51	ev.		0	38	ev.
New Moon . .		9		9	43	mo.		9	31	mo.		9	7	mo.
First Quarter		16		1	57	mo.		1	45	mo.		1	21	mo.
Full Moon . .		24		0	40	mo.		0	28	mo.		0	4	mo.
Third Quarter		31										11	57	ev.

CALENDAR FOR CHARLESTON; N. CARO- LINA, TENN., GEO., ALA., MISS., AND LOUISIANA.				CALENDAR FOR BALTIMORE; VIR- GINIA, KENTUCKY, AND MISSOURI.				CALENDAR FOR NEW YORK CITY; PHIL., CONN., N. JERSEY, PENN., OHIO, INDIANA, AND ILL.'S.				CALENDAR FOR BOSTON; NEW ENGLAND, NEW YORK STATE, MICH., WISCONSIN, AND IOWA.			
		Sun	Moon	Sun	Moon	Sun	Moon	Sun	Moon	Sun	Moon	Sun	Moon	Sun	Moon
		Rises.	Sets.	Rises.	Sets.	Rises.	Sets.	Rises.	Sets.	Rises.	Sets.	Rises.	Sets.	Rises.	Sets.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1		4 57	10 11	4 38	7 10	4 34	7 33	4 29	7 38	4 29	7 38	4 29	7 38	4 29	7 38
2		4 57	10 11	4 39	7 10	4 35	7 32	4 30	7 38	4 30	7 38	4 30	7 38	4 30	7 38
3		4 58	10 0	4 40	7 09	4 36	7 32	4 31	7 37	4 31	7 37	4 31	7 37	4 31	7 37
4		4 58	10 0	4 40	7 09	4 36	7 32	4 31	7 37	4 31	7 37	4 31	7 37	4 31	7 37
5		4 58	10 0	4 40	7 09	4 36	7 32	4 31	7 37	4 31	7 37	4 31	7 37	4 31	7 37
6		4 58	10 0	4 40	7 09	4 36	7 32	4 31	7 37	4 31	7 37	4 31	7 37	4 31	7 37
7		4 59	9 59	4 41	7 27	4 37	7 31	4 32	7 36	4 32	7 36	4 32	7 36	4 32	7 36
8		4 59	9 59	4 41	7 27	4 37	7 31	4 32	7 36	4 32	7 36	4 32	7 36	4 32	7 36
9		5 07	9 4	4 43	7 27	4 39	7 31	4 33	7 36	4 33	7 36	4 33	7 36	4 33	7 36
10		5 17	8 16	4 43	7 26	4 39	7 30	4 33	7 35	4 33	7 35	4 33	7 35	4 33	7 35
11		5 17	8 16	4 44	7 26	4 40	7 30	4 34	7 35	4 34	7 35	4 34	7 35	4 34	7 35
12		5 27	8 9	4 45	7 25	4 41	7 29	4 35	7 34	4 35	7 34	4 35	7 34	4 35	7 34
13		5 37	8 10	4 45	7 25	4 41	7 29	4 35	7 34	4 35	7 34	4 35	7 34	4 35	7 34
14		5 37	7 11	4 46	7 24	4 42	7 28	4 36	7 33	4 36	7 33	4 36	7 33	4 36	7 33
15		5 47	7 11	4 47	7 24	4 43	7 28	4 37	7 33	4 37	7 33	4 37	7 33	4 37	7 33
16		5 47	7 11	4 47	7 23	4 44	7 27	4 38	7 32	4 38	7 32	4 38	7 32	4 38	7 32
17		5 57	6 0	4 48	7 23	4 45	7 27	4 39	7 32	4 39	7 32	4 39	7 32	4 39	7 32
18		5 67	5 1	4 49	7 22	4 46	7 26	4 40	7 31	4 40	7 31	4 40	7 31	4 40	7 31
19		5 67	5 1	4 50	7 22	4 47	7 25	4 41	7 30	4 41	7 30	4 41	7 30	4 41	7 30
20		5 77	4 19	4 51	7 21	4 47	7 25	4 42	7 29	4 42	7 29	4 42	7 29	4 42	7 29
21		5 77	4 19	4 51	7 20	4 48	7 24	4 43	7 28	4 43	7 28	4 43	7 28	4 43	7 28
22		5 87	4 3	4 52	7 19	4 49	7 23	4 44	7 27	4 44	7 27	4 44	7 27	4 44	7 27
23		5 97	3 4	4 53	7 19	4 49	7 22	4 45	7 26	4 45	7 26	4 45	7 26	4 45	7 26
24		5 97	3 rises.	4 54	7 18	4 50	7 21	4 46	7 25	4 46	7 25	4 46	7 25	4 46	7 25
25		5 107	2 8	4 55	7 17	4 51	7 21	4 47	7 25	4 47	7 25	4 47	7 25	4 47	7 25
26		5 117	1 8	4 56	7 16	4 52	7 20	4 48	7 24	4 48	7 24	4 48	7 24	4 48	7 24
27		5 127	1 9	4 57	7 15	4 53	7 19	4 49	7 23	4 49	7 23	4 49	7 23	4 49	7 23
28		5 127	0 9	4 57	7 14	4 54	7 18	4 50	7 22	4 50	7 22	4 50	7 22	4 50	7 22
29		5 136	59	4 58	7 14	4 55	7 17	4 51	7 21	4 51	7 21	4 51	7 21	4 51	7 21
30		5 136	58	4 59	7 13	4 56	7 16	4 52	7 20	4 52	7 20	4 52	7 20	4 52	7 20
31		5 146	58	5 07	7 12	4 57	7 15	4 53	7 19	4 53	7 19	4 53	7 19	4 53	7 19

8th MONTH.

AUGUST, 1850.

31 DAYS.

MOON'S PHASES.		BOSTON.		NEW YORK.		BALTIMORE.		CHARLES'N.		SUN ON MERID.		
	D.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	D.	H. M.	S.
Third Quarter	1	0 33	mo.	0 21	mo.	0 10	mo.			1	0 6	0
New Moon - -	7	4 49	ev.	4 37	ev.	4 26	ev.	4 13	ev.	9	0 5	13
First Quarter	14	1 2	ev.	0 50	ev.	0 39	ev.	0 26	ev.	17	0 3	50
Full Moon - -	22	4 28	ev.	4 16	ev.	4 5	ev.	3 52	ev.	25	0 1	53
Third Quarter	30	9 34	mo.	9 22	mo.	9 11	mo.	8 58	mo.			

CALENDAR FOR CHARLESTON; N. CAROLINA, TENN., GEO., ALA., MISS., AND LOUISIANA.											
Day of Month.	Day of Week.	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
1	Th	5 15	5 16	5 17	5 18	5 19	5 20	5 21	5 22	5 23	5 24
2	Fr	5 16	5 17	5 18	5 19	5 20	5 21	5 22	5 23	5 24	5 25
3	Sa	5 17	5 18	5 19	5 20	5 21	5 22	5 23	5 24	5 25	5 26
4	Mo	5 18	5 19	5 20	5 21	5 22	5 23	5 24	5 25	5 26	5 27
5	Tu	5 19	5 20	5 21	5 22	5 23	5 24	5 25	5 26	5 27	5 28
6	W	5 20	5 21	5 22	5 23	5 24	5 25	5 26	5 27	5 28	5 29
7	Th	5 21	5 22	5 23	5 24	5 25	5 26	5 27	5 28	5 29	5 30
8	Fr	5 22	5 23	5 24	5 25	5 26	5 27	5 28	5 29	5 30	5 31
9	Sa	5 23	5 24	5 25	5 26	5 27	5 28	5 29	5 30	5 31	
10	Mo	5 24	5 25	5 26	5 27	5 28	5 29	5 30	5 31		
11	Tu	5 25	5 26	5 27	5 28	5 29	5 30	5 31			
12	W	5 26	5 27	5 28	5 29	5 30	5 31				
13	Th	5 27	5 28	5 29	5 30						
14	Fr	5 28	5 29								
15	Sa	5 29									
16	Mo	5 30									
17	Tu	5 31									
18	W										
19	Th										
20	Fr										
21	Sa										
22	Mo										
23	Tu										
24	W										
25	Th										
26	Fr										
27	Sa										
28	Mo										
29	Tu										
30	W										
31	Th										

CALENDAR FOR NEW YORK CITY; PHILA., CONN., N. JERSEY, PENN., OHIO, INDIANA, AND ILL.'S.											
Day of Month.	Day of Week.	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
1	Th	4 53	4 54	4 55	4 56	4 57	4 58	4 59	5 00	5 01	5 02
2	Fr	4 54	4 55	4 56	4 57	4 58	4 59	5 00	5 01	5 02	5 03
3	Sa	4 55	4 56	4 57	4 58	4 59	5 00	5 01	5 02	5 03	5 04
4	Mo	4 56	4 57	4 58	4 59	5 00	5 01	5 02	5 03	5 04	5 05
5	Tu	4 57	4 58	4 59	5 00	5 01	5 02	5 03	5 04	5 05	5 06
6	W	4 58	4 59	5 00	5 01	5 02	5 03	5 04	5 05	5 06	5 07
7	Th	4 59	5 00	5 01	5 02	5 03	5 04	5 05	5 06	5 07	5 08
8	Fr	5 00	5 01	5 02	5 03	5 04	5 05	5 06	5 07	5 08	5 09
9	Sa	5 01	5 02	5 03	5 04	5 05	5 06	5 07	5 08	5 09	5 10
10	Mo	5 02	5 03	5 04	5 05	5 06	5 07	5 08	5 09	5 10	5 11
11	Tu	5 03	5 04	5 05	5 06	5 07	5 08	5 09	5 10	5 11	5 12
12	W	5 04	5 05	5 06	5 07	5 08	5 09	5 10	5 11	5 12	5 13
13	Th	5 05	5 06	5 07	5 08	5 09	5 10	5 11	5 12	5 13	5 14
14	Fr	5 06	5 07	5 08	5 09	5 10	5 11	5 12	5 13	5 14	5 15
15	Sa	5 07	5 08	5 09	5 10	5 11	5 12	5 13	5 14	5 15	5 16
16	Mo	5 08	5 09	5 10	5 11	5 12	5 13	5 14	5 15	5 16	5 17
17	Tu	5 09	5 10	5 11	5 12	5 13	5 14	5 15	5 16	5 17	5 18
18	W	5 10	5 11	5 12	5 13	5 14	5 15	5 16	5 17	5 18	5 19
19	Th	5 11	5 12	5 13	5 14	5 15	5 16	5 17	5 18	5 19	5 20
20	Fr	5 12	5 13	5 14	5 15	5 16	5 17	5 18	5 19	5 20	5 21
21	Sa	5 13	5 14	5 15	5 16	5 17	5 18	5 19	5 20	5 21	5 22
22	Mo	5 14	5 15	5 16	5 17	5 18	5 19	5 20	5 21	5 22	5 23
23	Tu	5 15	5 16	5 17	5 18	5 19	5 20	5 21	5 22	5 23	5 24
24	W	5 16	5 17	5 18	5 19	5 20	5 21	5 22	5 23	5 24	5 25
25	Th	5 17	5 18	5 19	5 20	5 21	5 22	5 23	5 24	5 25	5 26
26	Fr	5 18	5 19	5 20	5 21	5 22	5 23	5 24	5 25	5 26	5 27
27	Sa	5 19	5 20	5 21	5 22	5 23	5 24	5 25	5 26	5 27	5 28
28	Mo	5 20	5 21	5 22	5 23	5 24	5 25	5 26	5 27	5 28	5 29
29	Tu	5 21	5 22	5 23	5 24	5 25	5 26	5 27	5 28	5 29	5 30
30	W	5 22	5 23	5 24	5 25	5 26	5 27	5 28	5 29	5 30	5 31
31	Th	5 23	5 24	5 25	5 26	5 27	5 28	5 29	5 30	5 31	

CALENDAR FOR BOSTON; NEW ENGLAND, NEW YORK STATE, MICH., WISCONSIN, AND IOWA.											
Day of Month.	Day of Week.	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
1	Th	4 53	4 54	4 55	4 56	4 57	4 58	4 59	5 00	5 01	5 02
2	Fr	4 54	4 55	4 56	4 57	4 58	4 59	5 00	5 01	5 02	5 03
3	Sa	4 55	4 56	4 57	4 58	4 59	5 00	5 01	5 02	5 03	5 04
4	Mo	4 56	4 57	4 58	4 59	5 00	5 01	5 02	5 03	5 04	5 05
5	Tu	4 57	4 58	4 59	5 00	5 01	5 02	5 03	5 04	5 05	5 06
6	W	4 58	4 59	5 00	5 01	5 02	5 03	5 04	5 05	5 06	5 07
7	Th	4 59	5 00	5 01	5 02	5 03	5 04	5 05	5 06	5 07	5 08
8	Fr	5 00	5 01	5 02	5 03	5 04	5 05	5 06	5 07	5 08	5 09
9	Sa	5 01	5 02	5 03	5 04	5 05	5 06	5 07	5 08	5 09	5 10
10	Mo	5 02	5 03	5 04	5 05	5 06	5 07	5 08	5 09	5 10	5 11
11	Tu	5 03	5 04	5 05	5 06	5 07	5 08	5 09	5 10	5 11	5 12
12	W	5 04	5 05	5 06	5 07	5 08	5 09	5 10	5 11	5 12	5 13
13	Th	5 05	5 06	5 07	5 08	5 09	5 10	5 11	5 12	5 13	5 14
14	Fr	5 06	5 07	5 08	5 09	5 10	5 11	5 12	5 13	5 14	5 15
15	Sa	5 07	5 08	5 09	5 10	5 11	5 12	5 13	5 14	5 15	5 16
16	Mo	5 08	5 09	5 10	5 11	5 12	5 13	5 14	5 15	5 16	5 17
17	Tu	5 09	5 10	5 11	5 12	5 13	5 14	5 15	5 16	5 17	5 18
18	W	5 10	5 11	5 12	5 13	5 14	5 15	5 16	5 17	5 18	5 19
19	Th	5 11	5 12	5 13	5 14	5 15	5 16	5 17	5 18	5 19	5 20
20	Fr	5 12	5 13	5 14	5 15	5 16	5 17	5 18	5 19	5 20	5 21
21	Sa	5 13	5 14	5 15	5 16	5 17	5 18	5 19	5 20	5 21	5 22
22	Mo	5 14	5 15	5 16	5 17	5 18	5 19	5 20	5 21	5 22	5 23
23	Tu	5 15	5 16	5 17	5 18	5 19	5 20	5 21	5 22	5 23	5 24
24	W	5 16	5 17	5 18	5 19	5 20	5 21	5 22	5 23	5 24	5 25
25	Th	5 17	5 18	5 19	5 20	5 21	5 22	5 23	5 24	5 25	5 26
26	Fr	5 18	5 19	5 20	5 21	5 22	5 23	5 24	5 25	5 26	5 27
27	Sa	5 19	5 20	5 21	5 22	5 23	5 24	5 25	5 26	5 27	5 28
28	Mo	5 20	5 21	5 22	5 23	5 24	5 25	5 26	5 27	5 28	5 29
29	Tu	5 21	5 22	5 23	5 24	5 25	5 26	5 27	5 28	5 29	5 30
30	W	5 22	5 23	5 24	5 25	5 26	5 27	5 28	5 29	5 30	5 31
31	Th	5 23	5 24	5 25	5 26	5 27	5 28	5 29	5 30	5 31	

9th MONTH.

SEPTEMBER, 1850.

30 DAYS.

MOON'S PHASES.		BOSTON.		NEW YORK.		BALTIMORE.		CHARLES'N.		Sun on Merid.		
	D.	M.	M.	M.	M.	M.	M.	M.	M.	D.	M.	S.
New Moon - -	6	0	44 mo.	0	32 mo.	0	21 mo.	0	8 mo.	1	morning.	
First Quarter	13	3	37 mo.	3	25 mo.	3	14 mo.	3	1 mo.	9	11	57 13
Full Moon - -	21	7	56 mo.	7	44 mo.	7	33 mo.	7	20 mo.	17	11	54 26
Third Quarter	28	5	9 ev.	4	57 ev.	4	46 ev.	4	33 ev.	25	11	51 38

CALENDAR FOR CHARLESTON; N. CARO- LINA, TENN., GEO., ALA., MISSIS., AND LOUISIANA.											
Day of Month.	Day of Week.	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
1	F	5 29 6	30	0 12	H. M.	5 29 6	30	0 12	H. M.	5 29 6	30
2	M	5 30 6	28	1 10	H. M.	5 30 6	28	1 10	H. M.	5 30 6	28
3	Tu	5 31 6	27	2 15	H. M.	5 31 6	27	2 15	H. M.	5 31 6	27
4	W	5 32 6	25	3 25	H. M.	5 32 6	25	3 25	H. M.	5 32 6	25
5	Th	5 33 6	24	sets.	H. M.	5 33 6	24	sets.	H. M.	5 33 6	24
6	Fr	5 34 6	23	6 53	H. M.	5 34 6	23	6 53	H. M.	5 34 6	23
7	Sa	5 35 6	20	7 34	H. M.	5 35 6	20	7 34	H. M.	5 35 6	20
8	F	5 36 6	19	8 8	H. M.	5 36 6	19	8 8	H. M.	5 36 6	19
9	M	5 37 6	17	8 42	H. M.	5 37 6	17	8 42	H. M.	5 37 6	17
10	Tu	5 38 6	16	9 18	H. M.	5 38 6	16	9 18	H. M.	5 38 6	16
11	W	5 39 6	14	9 55	H. M.	5 39 6	14	9 55	H. M.	5 39 6	14
12	Th	5 40 6	11	11 19	H. M.	5 40 6	11	11 19	H. M.	5 40 6	11
13	Fr	5 41 6	9	morn.	H. M.	5 41 6	9	morn.	H. M.	5 41 6	9
14	Sa	5 42 6	8	0 7	H. M.	5 42 6	8	0 7	H. M.	5 42 6	8
15	F	5 43 6	6	0 57	H. M.	5 43 6	6	0 57	H. M.	5 43 6	6
16	M	5 44 6	4	1 51	H. M.	5 44 6	4	1 51	H. M.	5 44 6	4
17	Tu	5 45 6	3	2 46	H. M.	5 45 6	3	2 46	H. M.	5 45 6	3
18	W	5 46 6	1	3 43	H. M.	5 46 6	1	3 43	H. M.	5 46 6	1
19	Th	5 47 6	0	4 41	H. M.	5 47 6	0	4 41	H. M.	5 47 6	0
20	Fr	5 48 5	58	rises.	H. M.	5 48 5	58	rises.	H. M.	5 48 5	58
21	Sa	5 49 5	56	6 57	H. M.	5 49 5	56	6 57	H. M.	5 49 5	56
22	F	5 50 5	55	7 28	H. M.	5 50 5	55	7 28	H. M.	5 50 5	55
23	M	5 51 5	53	8 1	H. M.	5 51 5	53	8 1	H. M.	5 51 5	53
24	Tu	5 52 5	51	8 37	H. M.	5 52 5	51	8 37	H. M.	5 52 5	51
25	W	5 53 5	49	9 19	H. M.	5 53 5	49	9 19	H. M.	5 53 5	49
26	Th	5 54 5	48	10 6	H. M.	5 54 5	48	10 6	H. M.	5 54 5	48
27	Fr	5 55 5	46	11 0	H. M.	5 55 5	46	11 0	H. M.	5 55 5	46
28	Sa	5 56 5	45	morn.	H. M.	5 56 5	45	morn.	H. M.	5 56 5	45
29	F	5 57 5	43	0 1	H. M.	5 57 5	43	0 1	H. M.	5 57 5	43
30	M				H. M.				H. M.		

CALENDAR FOR NEW YORK CITY; PHIL., CONN., N. JERSEY, PENN., OHIO, INDIANA, AND ILLI'S.											
Day of Month.	Day of Week.	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
1	F	5 28 6	31	0 7	H. M.	5 28 6	31	0 7	H. M.	5 28 6	31
2	M	5 29 6	30	1 6	H. M.	5 29 6	30	1 6	H. M.	5 29 6	30
3	Tu	5 30 6	28	2 11	H. M.	5 30 6	28	2 11	H. M.	5 30 6	28
4	W	5 31 6	26	3 22	H. M.	5 31 6	26	3 22	H. M.	5 31 6	26
5	Th	5 32 6	25	sets.	H. M.	5 32 6	25	sets.	H. M.	5 32 6	25
6	Fr	5 33 6	23	6 59	H. M.	5 33 6	23	6 59	H. M.	5 33 6	23
7	Sa	5 34 6	21	7 33	H. M.	5 34 6	21	7 33	H. M.	5 34 6	21
8	F	5 35 6	20	8 7	H. M.	5 35 6	20	8 7	H. M.	5 35 6	20
9	M	5 36 6	18	8 40	H. M.	5 36 6	18	8 40	H. M.	5 36 6	18
10	Tu	5 37 6	17	9 15	H. M.	5 37 6	17	9 15	H. M.	5 37 6	17
11	W	5 38 6	15	9 51	H. M.	5 38 6	15	9 51	H. M.	5 38 6	15
12	Th	5 39 6	13	10 31	H. M.	5 39 6	13	10 31	H. M.	5 39 6	13
13	Fr	5 40 6	12	11 15	H. M.	5 40 6	12	11 15	H. M.	5 40 6	12
14	Sa	5 41 6	10	morn.	H. M.	5 41 6	10	morn.	H. M.	5 41 6	10
15	F	5 42 6	8	0 2	H. M.	5 42 6	8	0 2	H. M.	5 42 6	8
16	M	5 43 6	7	0 53	H. M.	5 43 6	7	0 53	H. M.	5 43 6	7
17	Tu	5 44 6	5	1 47	H. M.	5 44 6	5	1 47	H. M.	5 44 6	5
18	W	5 45 6	3	2 43	H. M.	5 45 6	3	2 43	H. M.	5 45 6	3
19	Th	5 46 6	1	3 40	H. M.	5 46 6	1	3 40	H. M.	5 46 6	1
20	Fr	5 47 5	58	rises.	H. M.	5 47 5	58	rises.	H. M.	5 47 5	58
21	Sa	5 48 5	56	6 56	H. M.	5 48 5	56	6 56	H. M.	5 48 5	56
22	F	5 49 5	55	7 26	H. M.	5 49 5	55	7 26	H. M.	5 49 5	55
23	M	5 50 5	53	7 59	H. M.	5 50 5	53	7 59	H. M.	5 50 5	53
24	Tu	5 51 5	51	8 34	H. M.	5 51 5	51	8 34	H. M.	5 51 5	51
25	W	5 52 5	50	9 15	H. M.	5 52 5	50	9 15	H. M.	5 52 5	50
26	Th	5 53 5	49	10 2	H. M.	5 53 5	49	10 2	H. M.	5 53 5	49
27	Fr	5 54 5	48	10 56	H. M.	5 54 5	48	10 56	H. M.	5 54 5	48
28	Sa	5 55 5	46	10 59	H. M.	5 55 5	46	10 59	H. M.	5 55 5	46
29	F	5 56 5	45	11 57	H. M.	5 56 5	45	11 57	H. M.	5 56 5	45
30	M	5 57 5	43	morn.	H. M.	5 57 5	43	morn.	H. M.	5 57 5	43

CALENDAR FOR BOSTON; NEW ENGLAND, NEW YORK STATE, MICH., WISCONSIN, AND IOWA.											
Day of Month.	Day of Week.	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
1	F	5 26 6	33	0 2	H. M.	5 26 6	33	0 2	H. M.	5 26 6	33
2	M	5 27 6	31	1 0	H. M.	5 27 6	31	1 0	H. M.	5 27 6	31
3	Tu	5 28 6	30	2 6	H. M.	5 28 6	30	2 6	H. M.	5 28 6	30
4	W	5 29 6	28	3 17	H. M.	5 29 6	28	3 17	H. M.	5 29 6	28
5	Th	5 30 6	26	sets.	H. M.	5 30 6	26	sets.	H. M.	5 30 6	26
6	Fr	5 31 6	25	6 59	H. M.	5 31 6	25	6 59	H. M.	5 31 6	25
7	Sa	5 32 6	23	7 33	H. M.	5 32 6	23	7 33	H. M.	5 32 6	23
8	F	5 33 6	21	8 5	H. M.	5 33 6	21	8 5	H. M.	5 33 6	21
9	M	5 34 6	19	8 38	H. M.	5 34 6	19	8 38	H. M.	5 34 6	19
10	Tu	5 35 6	18	9 11	H. M.	5 35 6	18	9 11	H. M.	5 35 6	18
11	W	5 36 6	16	9 47	H. M.	5 36 6	16	9 47	H. M.	5 36 6	16
12	Th	5 37 6	14	10 27	H. M.	5 37 6	14	10 27	H. M.	5 37 6	14
13	Fr	5 38 6	12	11 10	H. M.	5 38 6	12	11 10	H. M.	5 38 6	12
14	Sa	5 39 6	11	11 57	H. M.	5 39 6	11	11 57	H. M.	5 39 6	11
15	F	5 40 6	9	morn.	H. M.	5 40 6	9	morn.	H. M.	5 40 6	9
16	M	5 41 6	8	0 48	H. M.	5 41 6	8	0 48	H. M.	5 41 6	8
17	Tu	5 42 6	7	1 42	H. M.	5 42 6	7	1 42	H. M.	5 42 6	7
18	W	5 43 6	5	2 38	H. M.	5 43 6	5	2 38	H. M.	5 43 6	5
19	Th	5 44 6	4	3 37	H. M.	5 44 6	4	3 37	H. M.	5 44 6	4
20	Fr	5 45 6	2	4 36	H. M.	5 45 6	2	4 36	H. M.	5 45 6	2
21	Sa	5 46 5	58	rises.	H. M.	5 46 5	58	rises.	H. M.	5 46 5	58
22	F	5 47 5	57	6 55	H. M.	5 47 5	57	6 55	H. M.	5 47 5	57
23	M	5 48 5	55	7 25	H. M.	5 48 5	55	7 25	H. M.	5 48 5	55
24	Tu	5 49 5	53	7 56	H. M.	5 49 5	53	7 56	H. M.	5 49 5	53
25	W	5 50 5	51	8 31	H. M.	5 50 5	51	8 31	H. M.	5 50 5	51
26	Th	5 51 5	49	9 10	H. M.	5 51 5	49	9 10	H. M.	5 51 5	49
27	Fr	5 52 5	48	9 57	H. M.	5 52 5	48	9 57	H. M.	5 52 5	48
28	Sa	5 53 5	46	10 50	H. M.	5 53 5	46	10 50	H. M.	5 53 5	46
29	F	5 54 5	45	11 52	H. M.	5 54 5	45	11 52	H. M.	5 54 5	45
30	M	5 55 5	42	morn.	H. M.	5 55 5	42	morn.	H. M.	5 55 5	42

10th MONTH.

OCTOBER, 1850.

21 DAYS.

MOON'S PHASES.		BOSTON.		NEW YORK.		BALTIMORE.		CHARLES'N.		Sun on Mend.	
	D.	H. M.	mo.	H. M.	mo.	D.	H. M.	H. M.		P.	H. M. S.
New Moon - -	5	10 12	mo.	10 0	mo.	5	9 49	9 36	mo.	1	11 49 39
First Quarter	12	9 46	ev.	9 34	ev.	12	9 23	9 10	ev.	9	11 47 19
Full Moon - -	20	10 27	ev.	10 15	ev.	20	10 4	9 51	ev.	17	11 45 26
Third Quarter	28	0 15	mo.	0 3	mo.	27	11 52	11 39	ev.	25	11 44 11

CALENDAR FOR NEW YORK CITY: PHIL., CONN., N. JERSEY, PENN., OHIO, INDIANA, AND ILL'.											
Day of Month.	Day of Week.	Sun Rises.	Sun Sets.	Moon Rises.	Moon Sets.	H. W.	H. M.	Sun Rises.	Sun Sets.	Moon Rises.	Moon Sets.
1	Tu	5 58	4 41	1 3	4 37						
2	W	5 59	3 39	2 14	6 4						
3	Th	6 05	3 37	3 25	7 9						
4	Fr	6 15	3 35	4 37	7 59						
5	Sa	6 25	3 35	sets.	8 47						
6	F	6 35	3 33	6 35	9 27						
7	M	6 45	3 31	7 9	10 8						
8	Tu	6 55	3 30	7 46	10 47						
9	W	6 65	3 28	8 25	11 23						
10	Th	6 75	3 27	9 8	12 0						
11	Fr	6 85	3 25	9 54	morn						
12	Sa	6 95	3 23	10 44	0 41						
13	F	6 105	3 22	11 37	1 26						
14	M	6 115	3 20	morn	2 22						
15	Tu	6 125	3 19	0 32	3 40						
16	W	6 135	3 17	1 29	5 4						
17	Th	6 145	3 16	2 28	6 16						
18	Fr	6 155	3 14	3 27	7 10						
19	Sa	6 165	3 13	4 27	7 50						
20	F	6 175	3 11	5 27	8 24						
21	M	6 185	3 10	6 27	8 57						
22	Tu	6 195	3 9	7 27	9 30						
23	W	6 205	3 8	8 27	10 5						
24	Th	6 215	3 7	9 27	11 17						
25	Fr	6 225	3 6	10 27	12 17						
26	Sa	6 235	3 5	11 27	1 17						
27	F	6 245	3 4	12 27	2 17						
28	M	6 255	3 3	1 27	3 17						
29	Tu	6 265	3 2	2 27	4 17						
30	W	6 275	3 1	3 27	5 17						
31	Th	6 285	3 0	4 27	6 17						

CALENDAR FOR BOSTON; NEW ENGLAND, NEW YORK STATE, MICH., WISCONSIN, AND IOWA.											
Day of Month.	Day of Week.	Sun Rises.	Sun Sets.	Moon Rises.	Moon Sets.	H. W.	H. M.	Sun Rises.	Sun Sets.	Moon Rises.	Moon Sets.
1	Tu	5 58	4 41	1 3	4 37						
2	W	5 59	3 39	2 14	6 4						
3	Th	6 05	3 37	3 25	7 9						
4	Fr	6 15	3 35	4 37	7 59						
5	Sa	6 25	3 35	sets.	8 47						
6	F	6 35	3 33	6 35	9 27						
7	M	6 45	3 31	7 9	10 8						
8	Tu	6 55	3 30	7 46	10 47						
9	W	6 65	3 28	8 25	11 23						
10	Th	6 75	3 27	9 8	12 0						
11	Fr	6 85	3 25	9 54	morn						
12	Sa	6 95	3 23	10 44	0 41						
13	F	6 105	3 22	11 37	1 26						
14	M	6 115	3 20	morn	2 22						
15	Tu	6 125	3 19	0 32	3 40						
16	W	6 135	3 17	1 29	5 4						
17	Th	6 145	3 16	2 28	6 16						
18	Fr	6 155	3 14	3 27	7 10						
19	Sa	6 165	3 13	4 27	7 50						
20	F	6 175	3 11	5 27	8 24						
21	M	6 185	3 10	6 27	8 57						
22	Tu	6 195	3 9	7 27	9 30						
23	W	6 205	3 8	8 27	10 5						
24	Th	6 215	3 7	9 27	11 17						
25	Fr	6 225	3 6	10 27	12 17						
26	Sa	6 235	3 5	11 27	1 17						
27	F	6 245	3 4	12 27	2 17						
28	M	6 255	3 3	1 27	3 17						
29	Tu	6 265	3 2	2 27	4 17						
30	W	6 275	3 1	3 27	5 17						
31	Th	6 285	3 0	4 27	6 17						

Day of Month.	Day of Week.	Sun's decl. in
1	Tu	3 13 46
2	W	3 37 3
3	Th	4 0 20
4	Fr	4 23 32
5	Sa	4 46 42
6	F	5 9 49
7	M	5 32 52
8	Tu	5 55 50
9	W	6 18 43
10	Th	6 41 32
11	Fr	7 4 15
12	Sa	7 26 52
13	F	7 49 23
14	M	8 11 48
15	Tu	8 34 5
16	W	8 56 16
17	Th	9 18 18
18	Fr	9 40 12
19	Sa	10 1 53
20	F	10 23 35
21	M	10 45 2
22	Tu	11 6 29
23	W	11 27 23
24	Th	11 48 27
25	Fr	12 9 13
26	Sa	12 29 49
27	F	13 10 14
28	M	13 30 25
29	Tu	13 50 13
30	W	14 9 48
31	Th	

11th MONTH.

NOVEMBER, 1850.

30 DAYS.

MOON'S PHASES.		BOSTON.		NEW YORK.		BALTIMORE.		CHARLES'N.		SUN ON MERID.		
	P.	H. M.		H. M.	H. M.	H. M.	H. M.	H. M.		P.	H. M.	S.
New Moon - -	3	9 56	ev.	9 44	ev.	9 33	ev.	9 20	ev.	1	11 43	44
First Quarter	11	6 31	ev.	6 19	ev.	6 8	ev.	5 55	ev.	9	11 44	1
Full Moon - -	19	11 51	mo.	11 39	mo.	11 28	mo.	11 15	mo.	17	11 45	11
Third Quarter	26	7 48	mo.	7 36	mo.	7 25	mo.	7 12	mo.	25	11 47	14

CALENDAR FOR CHARLESTON; N. CAROLINA, TENN., GEO., ALA., MISSISS., AND LOUISIANA.											
Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
Rises.	Set.	Rises.	Set.	Rises.	Set.	Rises.	Set.	Rises.	Set.	Rises.	Set.
H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
6 19	5 8	6 34	5 27	6 20	5 18	6 21	5 18	6 21	5 18	6 21	5 18
6 21	5 6	6 21	5 6	6 21	5 6	6 21	5 6	6 21	5 6	6 21	5 6
6 22	5 5	6 22	5 5	6 22	5 5	6 22	5 5	6 22	5 5	6 22	5 5
6 23	5 4	6 23	5 4	6 23	5 4	6 23	5 4	6 23	5 4	6 23	5 4
6 24	5 3	6 24	5 3	6 24	5 3	6 24	5 3	6 24	5 3	6 24	5 3
6 25	5 2	6 25	5 2	6 25	5 2	6 25	5 2	6 25	5 2	6 25	5 2
6 26	5 1	6 26	5 1	6 26	5 1	6 26	5 1	6 26	5 1	6 26	5 1
6 27	5 0	6 27	5 0	6 27	5 0	6 27	5 0	6 27	5 0	6 27	5 0
6 28	4 59	6 28	4 59	6 28	4 59	6 28	4 59	6 28	4 59	6 28	4 59
6 29	4 58	6 29	4 58	6 29	4 58	6 29	4 58	6 29	4 58	6 29	4 58
6 30	4 57	6 30	4 57	6 30	4 57	6 30	4 57	6 30	4 57	6 30	4 57
6 31	4 56	6 31	4 56	6 31	4 56	6 31	4 56	6 31	4 56	6 31	4 56
6 32	4 55	6 32	4 55	6 32	4 55	6 32	4 55	6 32	4 55	6 32	4 55
6 33	4 54	6 33	4 54	6 33	4 54	6 33	4 54	6 33	4 54	6 33	4 54
6 34	4 53	6 34	4 53	6 34	4 53	6 34	4 53	6 34	4 53	6 34	4 53
6 35	4 52	6 35	4 52	6 35	4 52	6 35	4 52	6 35	4 52	6 35	4 52
6 36	4 51	6 36	4 51	6 36	4 51	6 36	4 51	6 36	4 51	6 36	4 51
6 37	4 50	6 37	4 50	6 37	4 50	6 37	4 50	6 37	4 50	6 37	4 50
6 38	4 49	6 38	4 49	6 38	4 49	6 38	4 49	6 38	4 49	6 38	4 49
6 39	4 48	6 39	4 48	6 39	4 48	6 39	4 48	6 39	4 48	6 39	4 48
6 40	4 47	6 40	4 47	6 40	4 47	6 40	4 47	6 40	4 47	6 40	4 47
6 41	4 46	6 41	4 46	6 41	4 46	6 41	4 46	6 41	4 46	6 41	4 46
6 42	4 45	6 42	4 45	6 42	4 45	6 42	4 45	6 42	4 45	6 42	4 45
6 43	4 44	6 43	4 44	6 43	4 44	6 43	4 44	6 43	4 44	6 43	4 44
6 44	4 43	6 44	4 43	6 44	4 43	6 44	4 43	6 44	4 43	6 44	4 43
6 45	4 42	6 45	4 42	6 45	4 42	6 45	4 42	6 45	4 42	6 45	4 42
6 46	4 41	6 46	4 41	6 46	4 41	6 46	4 41	6 46	4 41	6 46	4 41
6 47	4 40	6 47	4 40	6 47	4 40	6 47	4 40	6 47	4 40	6 47	4 40
6 48	4 39	6 48	4 39	6 48	4 39	6 48	4 39	6 48	4 39	6 48	4 39
6 49	4 38	6 49	4 38	6 49	4 38	6 49	4 38	6 49	4 38	6 49	4 38
6 50	4 37	6 50	4 37	6 50	4 37	6 50	4 37	6 50	4 37	6 50	4 37
6 51	4 36	6 51	4 36	6 51	4 36	6 51	4 36	6 51	4 36	6 51	4 36
6 52	4 35	6 52	4 35	6 52	4 35	6 52	4 35	6 52	4 35	6 52	4 35
6 53	4 34	6 53	4 34	6 53	4 34	6 53	4 34	6 53	4 34	6 53	4 34
6 54	4 33	6 54	4 33	6 54	4 33	6 54	4 33	6 54	4 33	6 54	4 33
6 55	4 32	6 55	4 32	6 55	4 32	6 55	4 32	6 55	4 32	6 55	4 32
6 56	4 31	6 56	4 31	6 56	4 31	6 56	4 31	6 56	4 31	6 56	4 31
6 57	4 30	6 57	4 30	6 57	4 30	6 57	4 30	6 57	4 30	6 57	4 30
6 58	4 29	6 58	4 29	6 58	4 29	6 58	4 29	6 58	4 29	6 58	4 29
6 59	4 28	6 59	4 28	6 59	4 28	6 59	4 28	6 59	4 28	6 59	4 28
7 0	4 27	7 0	4 27	7 0	4 27	7 0	4 27	7 0	4 27	7 0	4 27
7 1	4 26	7 1	4 26	7 1	4 26	7 1	4 26	7 1	4 26	7 1	4 26
7 2	4 25	7 2	4 25	7 2	4 25	7 2	4 25	7 2	4 25	7 2	4 25
7 3	4 24	7 3	4 24	7 3	4 24	7 3	4 24	7 3	4 24	7 3	4 24
7 4	4 23	7 4	4 23	7 4	4 23	7 4	4 23	7 4	4 23	7 4	4 23
7 5	4 22	7 5	4 22	7 5	4 22	7 5	4 22	7 5	4 22	7 5	4 22
7 6	4 21	7 6	4 21	7 6	4 21	7 6	4 21	7 6	4 21	7 6	4 21
7 7	4 20	7 7	4 20	7 7	4 20	7 7	4 20	7 7	4 20	7 7	4 20
7 8	4 19	7 8	4 19	7 8	4 19	7 8	4 19	7 8	4 19	7 8	4 19
7 9	4 18	7 9	4 18	7 9	4 18	7 9	4 18	7 9	4 18	7 9	4 18
7 10	4 17	7 10	4 17	7 10	4 17	7 10	4 17	7 10	4 17	7 10	4 17
7 11	4 16	7 11	4 16	7 11	4 16	7 11	4 16	7 11	4 16	7 11	4 16
7 12	4 15	7 12	4 15	7 12	4 15	7 12	4 15	7 12	4 15	7 12	4 15
7 13	4 14	7 13	4 14	7 13	4 14	7 13	4 14	7 13	4 14	7 13	4 14
7 14	4 13	7 14	4 13	7 14	4 13	7 14	4 13	7 14	4 13	7 14	4 13
7 15	4 12	7 15	4 12	7 15	4 12	7 15	4 12	7 15	4 12	7 15	4 12
7 16	4 11	7 16	4 11	7 16	4 11	7 16	4 11	7 16	4 11	7 16	4 11
7 17	4 10	7 17	4 10	7 17	4 10	7 17	4 10	7 17	4 10	7 17	4 10
7 18	4 09	7 18	4 09	7 18	4 09	7 18	4 09	7 18	4 09	7 18	4 09
7 19	4 08	7 19	4 08	7 19	4 08	7 19	4 08	7 19	4 08	7 19	4 08
7 20	4 07	7 20	4 07	7 20	4 07	7 20	4 07	7 20	4 07	7 20	4 07
7 21	4 06	7 21	4 06	7 21	4 06	7 21	4 06	7 21	4 06	7 21	4 06
7 22	4 05	7 22	4 05	7 22	4 05	7 22	4 05	7 22	4 05	7 22	4 05
7 23	4 04	7 23	4 04	7 23	4 04	7 23	4 04	7 23	4 04	7 23	4 04
7 24	4 03	7 24	4 03	7 24	4 03	7 24	4 03	7 24	4 03	7 24	4 03
7 25	4 02	7 25	4 02	7 25	4 02	7 25	4 02	7 25	4 02	7 25	4 02
7 26	4 01	7 26	4 01	7 26	4 01	7 26	4 01	7 26	4 01	7 26	4 01
7 27	4 00	7 27	4 00	7 27	4 00	7 27	4 00	7 27	4 00	7 27	4 00
7 28	3 59	7 28	3 59	7 28	3 59	7 28	3 59	7 28	3 59	7 28	3 59
7 29	3 58	7 29	3 58	7 29	3 58	7 29	3 58	7 29	3 58	7 29	3 58
7 30	3 57	7 30	3 57	7 30	3 57	7 30	3 57	7 30	3 57	7 30	3 57

12th MONTH.		DECEMBER, 1850.										31 DAYS.									
MOON'S PHASES.				BOSTON.		NEW YORK.		BALTIMORE.		CHARLES'N.		SUN ON MERID.									
		D.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.	H. M.	H. M.	D.	H. M.	H. M.	H. M.						
New Moon . .		3	0 32 ev.	0 20 ev.	3	0 9 ev.	11 56 mo.	1	11 49 18												
First Quarter		11	3 53 ev.	3 41 ev.	11	3 30 ev.	3 17 ev.	9	11 52 39												
Full Moon . .		19	0 19 mo.	0 7 mo.	18	11 56 ev.	11 43 ev.	17	11 56 26												
Third Quarter		25	4 40 ev.	4 28 ev.	25	4 17 ev.	4 4 ev.	25	ev. 0 25												

CALENDAR FOR  
CHARLESTON; N. CARO-  
LINA, TENN., GEO., ALA.,  
MISS., AND LOUISIANA.

Sun	Sun	Mo	H. W.
Rises.	Sets.	Rises.	Chrs.
H. M.	H. M.	H. M.	H. M.
6 46	4 52	4 31	5 54
6 47	4 52	5 31	6 40
6 48	4 52	sets.	7 24
6 49	4 52	5 57	8 3
6 50	4 52	6 46	8 40
6 51	4 52	7 37	9 16
6 51	4 52	8 30	9 52
6 52	4 52	9 23	10 29
6 53	4 52	10 17	11 6
6 54	4 52	11 11	11 49
6 54	4 53	morn	
6 55	4 53	0 6	0 36
6 56	4 53	1 1	1 36
6 56	4 53	1 56	2 48
6 57	4 54	2 55	3 53
6 58	4 54	3 56	4 54
6 58	4 54	5 0	5 45
6 59	4 55	rises.	6 29
7 0	5 55	5 48	7 15
7 0	5 56	6 51	8 1
7 1	5 56	7 58	8 45
7 1	5 57	9 6	9 32
7 2	5 57	10 13	10 19
7 2	5 58	11 18	11 10
7 3	5 58	morn	ev. 3
7 3	5 59	0 22	1 1
7 3	5 59	1 23	2 7
7 3	5 59	2 24	3 17
7 4	5 59	3 24	4 27
7 4	5 59	4 25	5 30
7 4	5 59	5 25	6 19

CALENDAR FOR  
BALTIMORE; VIR-  
GINIA, KENTUCKY,  
AND MISSOURI.

Sun	Sun	Mo	H. W.
Rises.	Sets.	Rises.	Chrs.
H. M.	H. M.	H. M.	H. M.
7 34	4 35	4 38	
7 4	4 35	5 41	
7 5	4 35	sets.	
7 6	4 35	5 41	
7 7	4 35	6 29	
7 7	4 35	7 20	
7 8	4 34	8 14	
7 9	4 34	9 9	
7 10	4 34	10 6	
7 11	4 35	11 2	
7 12	4 35	12 0	
7 13	4 35	morn	
7 14	4 35	0 58	
7 15	4 35	1 57	
7 15	4 36	2 59	
7 16	4 36	4 4	
7 17	4 36	5 10	
7 17	4 37	rises.	
7 18	4 37	5 31	
7 18	4 37	6 34	
7 19	4 38	7 43	
7 19	4 38	8 53	
7 20	4 39	10 4	
7 20	4 39	11 13	
7 21	4 40	morn	
7 21	4 41	0 20	
7 21	4 41	1 25	
7 22	4 42	2 30	
7 22	4 43	3 33	
7 22	4 43	4 34	
7 23	4 44	5 34	

CALENDAR FOR  
NEW YORK CITY; PAUL-  
CONG., N. JERSEY, PENN.,  
OHIO, INDIANA, AND ILLI'.

Sun	Sun	Mo	H. W.
Rises.	Sets.	Rises.	N. Y.
H. M.	H. M.	H. M.	H. M.
7 7	4 31	4 39	7 18
7 8	4 31	5 43	8 4
7 9	4 31	sets.	8 48
7 10	4 31	5 37	9 27
7 11	4 31	6 24	10 4
7 12	4 31	7 16	10 40
7 13	4 30	8 10	11 16
7 14	4 30	9 6	11 53
7 15	4 30	10 3	morn
7 15	4 31	11 0	0 30
7 16	4 31	11 58	1 13
7 17	4 31	morn	2 0
7 18	4 31	0 57	3 4
7 19	4 31	1 57	4 12
7 19	4 31	3 0	5 17
7 20	4 32	4 5	6 18
7 21	4 32	5 13	7 9
7 21	4 32	rises.	7 53
7 22	4 33	5 26	8 39
7 23	4 33	6 30	9 25
7 23	4 34	7 39	10 9
7 24	4 34	8 50	10 56
7 24	4 35	10 1	11 43
7 25	4 35	11 11	ev. 34
7 25	4 36	morn	1 27
7 25	4 37	0 19	2 25
7 26	4 37	1 26	3 31
7 26	4 38	2 31	4 41
7 27	4 39	3 35	5 51
7 27	4 39	4 37	6 54
7 27	4 40	5 37	7 43

CALENDAR FOR  
BOSTON; NEW ENGLAND,  
NEW YORK STATE, MICH.,  
WISCONSIN, AND IOWA.

Sun	Sun	Mo	H. W.
Rises.	Sets.	Rises.	Boer'n.
H. M.	H. M.	H. M.	H. M.
7 12	4 26	4 41	9 54
7 13	4 26	5 46	10 40
7 14	4 26	sets.	11 24
7 15	4 26	5 31	morn
7 16	4 25	6 18	0 3
7 17	4 25	7 10	0 40
7 18	4 25	8 5	1 16
7 19	4 25	9 1	1 52
7 20	4 25	9 59	2 29
7 21	4 25	10 57	3 6
7 22	4 25	11 56	3 49
7 23	4 25	morn	4 36
7 24	4 25	0 56	5 36
7 24	4 26	1 57	6 48
7 25	4 26	3 1	7 53
7 26	4 26	4 7	8 54
7 26	4 26	5 16	9 45
7 27	4 27	rises.	10 29
7 28	4 27	5 20	11 15
7 28	4 28	6 24	ev. 1
7 29	4 28	7 34	0 45
7 29	4 29	8 46	1 32
7 30	4 29	9 58	2 19
7 30	4 30	11 9	3 10
7 31	4 30	morn	4 3
7 31	4 31	0 19	5 1
7 31	4 32	1 26	6 7
7 31	4 32	2 32	7 17
7 32	4 33	3 37	8 27
7 32	4 34	4 40	9 30
7 32	4 35	5 41	10 19

Day of Month.

Day of Week.

Br's decl. in O.

Br's decl. in "

Br's decl. in '.



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# PHRENOLOGY AND PHYSIOLOGY.

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## PHRENOLOGY, PHYSIOLOGY, AND REFORM.

**MAN** is composed of, and exists by the union of various functions of body and mind. His happiness is perfected in proportion as these functions act harmoniously with each other. In order, therefore, to enjoy to the full extent of his capacity, he must obey the laws of his being. Physiology acquaints us with the laws, functions, and conditions of the body; hence this knowledge is absolutely necessary, that he may be enabled to comply with them. Phrenology teaches the laws and elements of the mind, and as their proper action and direction are of vital importance, we see the necessity of understanding its action, and complying with its teachings. As mind and body are inseparably connected in this life, and the healthy and happy condition of the one is dependent on that of the other, they should be studied conjointly; and we could then improve and perfect ourselves by securing the legitimate use of our mental and physical powers.

The ultimate design of all the reforms of the day is to remove existing evils, to improve the condition of man, and to prepare him for the perfect enjoyment of all the elements of his nature. But in order to accomplish this most important result, man's capacities, natural wants, and legitimate desires must be correctly understood. These Physiology and Phrenology explain; and all reformers labor under great disadvantages if unacquainted with their teachings. They can see the evils of society and their consequences without this knowledge, but not their cause, origin, and remedy.

For instance, intemperance, licentiousness, war, and slavery are all regarded by great and good men as so many curses to the human race; and long and arduous has been the struggle of those who have the best interests of humanity at heart, to remove them, but still they exist. The great question now arises, *how* are they to be removed, and the world reformed? The religionist will say, Believe on Jesus Christ. We reply, that some, if not all these evils are prevalent to a greater or less extent in all the churches devoted to his name, and appear in many to be increasing rather than diminishing. To believe on him will do very much; but in connection with this faith, add a knowledge of and obedience to nature's laws, and let us train our children in the way they should go, and these curses of the human race will soon cease to mar our happiness and perfection.

These evils exist, not as a necessary result of laws of our nature, but from an ignorance of them, and from the unequal action, wrong direction, excessive exercise, and perversion of the various functions of which we are composed,

the true nature of which Physiology and Phrenology explain, and the promulgators of them labor to enforce.

A tendency to these evils in some cases is hereditary ; consequently it is our duty to counteract it by reforming ourselves as parents ; but the greatest of all causes exists in the wrong motives brought to bear on the minds of children. Intemperance begins in the wrong *feeding* of children ; and we must commence here to remove the evil. War has its origin in the wrong *government* of children. So slavery and licentiousness arise from the wrong direction of the youthful mind, and in its imperfect development. The training of children is at the very foundation of society. As is their training so is society. Parents, would you leave the best legacy possible to society, train your children physically, mentally, and morally. Reformers, would you labor not in vain, and accomplish the most ardent desires of your mind, commence at the beginning, lay a good foundation, and act in harmony with the laws and elements of the human mind, for they are the same in nature and function, whether perverted or undeveloped.

All excesses and perversions of body and mind are contrary to the teachings of these sciences, but they inculcate that harmony, balance, and full development are necessary to happiness and perfection.

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### PHRENOLOGICAL CATECHISM.

WHAT faculties, when perverted, most degrade the mind and destroy manhood—sap the foundation of the constitution—debilitate both mind and body—destroy self-respect, and lower the standard of virtue ?

What faculties, perverted, does it cost more to gratify than all the preaching of the gospel, education of the young, building of colleges, and collecting of libraries and natural curiosities ?

What faculties, having the ascendancy, are deaf to reason and seek gratification regardless of consequences ?

What group of faculties, properly exercised, produce that which cannot be bought or sold, weighed or measured, seen or handled, and that which increases in value with the increase of age and use ?

What faculty is wanting in children who say “I can’t” when asked by their parents to do something ?

What faculty has more medical properties connected with its full action than exists in the saddle-bags of the doctor ?

What faculty, when large, brightens every object on which we look ?

What faculty, when large, makes an old man young, and when small, makes a young man old ?

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GALL pointed out, in one man, without knowing for what he was confined, a large organ of Constructiveness, and a head so well organized that he several times lamented his fate. This was the tailor Maschke, who was imprisoned for counterfeiting the coin. He possessed great mechanical skill, and much kindness of disposition.



## DEFINITION OF THE PHRENOLOGICAL ORGANS.

BY L. N. FOWLER.



## NUMBERING AND EXPLANATION OF THE ORGANS.

SCALE from 1 to 7.—1 very small; 2 small; 3 moderate; 4 average; 5 full; 6 large; 7 very large.

The sign + (plus or more), means that the organ is a little larger than the figure marked. The sign — (minus or less) means that the organ is less than the figure marked. This mark ^ over a figure signifies to cultivate. This mark \_ under a figure signifies to restrain and prudently exercise. This mark — under an organ signifies its great activity, when compared with other organs.

## MEASUREMENTS OF THE BRAIN IN INCHES AND EIGHTHS.

SIZE OF THE BRAIN, WITH THE TAPE.—Circumference around the centre—average of a full-grown Male, 22—Female, 21½ inches.

## COMBINATIONS.

STRENGTH AND BALANCE OF MENTAL POWERS.

STRENGTH AND BALANCE OF PHYSICAL POWERS.

STRENGTH AND BALANCE OF MENTAL AND PHYSICAL POWERS UNITED.

ACTIVITY: MENTAL—PHYSICAL.

STRENGTH: MENTAL—PHYSICAL.

EXCITABILITY: MENTAL—PHYSICAL.

## TEMPERAMENTS OR FUNCTIONS OF THE BODY.

MENTAL OR NERVOUS SYSTEM—Comprising the Brain and Nerves.

THORACIC—Embracing the Heart, Lungs, and their functions.

ABDOMINAL—Comprising all the organs and functions below the diaphragm: Digestion, Secretion, Absorption, Generation.

MOTIVE—Embracing the Osseous and Muscular Systems, as applied to Locomotion.

• DEFINITION OF THE DOMESTIC AND SOCIAL ORGANS.

- AMATIVENESS**—Sexual and Connubial Love.  
**PHILOPROGENITIVENESS**—Parental Love; Fondness for Children; Love of Pets, or tender and dependent objects.  
**ADHESIVENESS**—Attachment; Love of Family; Gregariousness; Friendship; Sociability; Love of Company.  
**MARRIAGE**—Desire to Pair; Union for Life; Constant Companionship.  
**INHABITIVENESS**—Love of Home; Attachment to Place, as such.  
**CONTINUITY**—Application; Connectedness of Thought and Feeling; Suspension of a Crisis of the Mind.

SELFISH OR PROTECTIVE PROPENSITIES.

- MOTION**—Perception of and desire for Muscular Action.  
**VITATIVENESS**—Desire to Exist.  
**COMBATIVENESS**—To Defend; Overcome; Protect; Resist; Oppose; Contend; Contradict.  
**DESTRUCTIVENESS**—Executiveness; Force; Energy; Thoroughness; Extinction; Hate.  
**ALIMENTIVENESS**—Appetite; Sense of Hunger.  
**ACQUISITIVENESS**—Regard for Property; Desire to Accumulate; Provide for the Future.  
**SECRETIVENESS**—Policy; Management; Tact; Evasion; Non-committal; Shyness; Reserve; Hiding away Things.  
**BIBATIVENESS**—Love of water; Desire to Drink.  
**CAUTIOUSNESS**—Watchfulness; Fear; Restraint; Solicitude; Apprehension; Timidity; Prudence; Provision against Danger.

SELFISH SENTIMENTS, OR ASPIRING, GOVERNING GROUP.

- APPROBATIVENESS**—Sense of Character; Desire to Excel; Love of Praise; Ambition; Affability; Politeness; Familiarity; Sensitiveness; Display; Show; Parade; Pomp.  
**SELF-ESTEEM**—Self-appreciation; Pride; Desire to Command; to Dictate; take the lead; Love of Liberty; Independence; Self-reliance.  
**FIRMNESS**—Stability; Perseverance; Will; Decision; Positiveness; Singleness of Purpose.

MORAL AND RELIGIOUS SENTIMENTS.

- CONSCIENTIOUSNESS**—Justice; Equity; Duty to God; to Man; Obligation; Integrity; Truthfulness; Faithfulness; Gratitude.  
**CIRCUMSPECTION**—Consistency; Uniformity; Balance.  
**HOPE**—Anticipation; Sense of the Future; Cheerfulness; Buoyancy; Enterprise.  
**MARVELLOUSNESS or SPIRITUALITY**—Faith; Belief; Confidence in and Perception of the Spiritual; Love of the New; Novel; Wonderful.  
**VENERATION**—Adoration; Sense of Holiness and Superiority; Deference; Respect; Dependence.  
**BENEVOLENCE**—Liberality; Charity; Generosity; Sympathy; Tenderness; Kindness; Humanity.

PERFECTIVE SENTIMENTS.

- CONSTRUCTIVENESS**—Contrivance; Ingenuity; Mechanism.  
**IDEALITY**—Sense of Beauty; Refinement; Perfection; Poetry; Imagery; Ability to Magnify and Embellish.  
**SUBLIMITY**—Love of the Grand, Sublime, Magnificent, Vast, Terrific, Wild, and Romantic.  
**IMITATION**—Inclination to Copy; Pattern; Imitate; Conform; Mimic.

**MIRTHFULNESS**—Wit; Fun; Glee; Gayety; Sense of the Ludicrous, Absurd.

**AGREEABLENESS**—Playful; Youthful; Pliable; Suavity.

#### INTELLECTUAL FACULTIES.

##### PERCEPTIVE AND KNOWING FACULTIES.

**INDIVIDUALITY**—Observation; Desire to See and Identify.

**FORM**—Perception and Recollection of Shape, Outline, and Countenance.

**SIZE**—Judgment of Size, Proportion, Parallels, Distance, and Perpendicularity.

**WEIGHT**—Perception of Gravity; Ability to ride, walk, shoot, balance, and direct Muscular Action, and Motion in Machinery.

**COLOR**—Perception and Judgment of Colors.

**ORDER**—Method; System; Arrangement; Neatness.

**CALCULATION**—Quickness and Facility in Reckoning Numbers, and understanding them.

**LOCALITY**—Knowledge of Location, and Points of Compass.

**EVENTUALITY**—Memory of Facts, Events, Statistics, Occurrences, Past, Present.

**TIME**—Memory of time; When; How long.

**TUNE**—Tone; Sense of Sound; Modulation; Harmony in Melody.

**LANGUAGE**—Memory and Command of Words; Ability to Talk.

##### REASONING ORGANS.

**CAUSALITY**—Searches for Causes, and asks Why; Sees the Connection between Cause and Effect; Originality and Power of abstract Thought; Disposition to Study complicated Subjects.

**COMPARISON**—Association; Illustration; Simile.

**INTUITION**—Perception of Character, Motive, Truth Intuitively.

On the night of April 30th, 1833, Mr. Hoskins, one of the guards of the Connecticut State Prison, was murdered by four convicts, in an attempt to escape.

"It is a little remarkable," says Dr. Brigham, in a letter to Mr. Capen, "that, when I visited the prison with Dr. Spurzheim, he pointed out the two leaders of this conspiracy and murder as very bad criminals. The negro Cæsar Reynolds, who, from the testimony, it appears, actually committed the murder, he noticed when at some distance, and remarked, 'that negro interests me much;' and begged the liberty of examining his head more minutely. After he had done so, he said that he had the best formation, intellectually, of any negro he ever saw, (and he is far superior to most blacks;) but stated that he was a wretched and dangerous man, capable of doing any wickedness, and one that would persevere in iniquity. The warden," continues Dr. Brigham, "has repeatedly assured me that Dr. S. gave the character of many of the criminals, especially of the noted ones, as correctly as he himself could, who had long known them."—*Biography of Spurzheim, by Nahum Capen*, p. 110.

When George Bidder, the celebrated calculator, went to Edinburgh, Mr. Moir, surgeon, waited on Mr. Combe, accompanied by three boys, of nearly equal age, and said, "One of these is George Bidder; can you tell which is he, by his head?" Mr. Combe examined the boys, and remarked that the first one could not be Bidder, as in him the organ of Number was deficient; that the second should have considerable powers of calculation; but that the third should be Bidder, as in him the organ was remarkably developed. Mr. Moir assured Mr. Combe that he was right. The first was his own son, to whom instruction seemed unable to impart any arithmetical knowledge; the second was selected as the most expert calculator in a school in Edinburgh. The other was Bidder himself.—*Combe's Lectures on Phrenology*, p. 245.



## WILLIAM CULLEN BRYANT.

THE head of Mr. Bryant is rather large, and peculiarly shaped, being high, long, and narrow, indicating that he has strong social, moral, and intellectual faculties, with but average selfish propensities. His mental temperament is highly developed, with a full degree of the motive, and an average amount of the vital. Consequently he has a very active, intense, susceptible mind—a strong, enduring, healthy constitution, and just vital power enough to carry his plans into execution.

His Amativeness, Adhesiveness, and Inhabitiveness are large, and Philoprogenitiveness very large. All are active, and have their individual and combined influence in perfecting his social enjoyments. Their influence is frequently seen in his poetry. He has energy without cruelty, prudence without cunning or avarice, independence and ambition without arrogance or vanity, and a very high degree of will, perseverance, and determination.

His moral organs, as a class, are large, as seen by the elevation of the head in the cut. They give tone to his mind, elevation to his feelings, and refinement to his thoughts.

His head is not broad in the region of Ideality, Sublimity, Imitation, and Mirthfulness, but unusually high, and the fibres are very long, rather than short and broad, as in the case of Byron, Burns, Moore, Shelley, and Chaucer, and the imagery of his poetry is very different from that of either. As a poet, he

may be less ingenious in the construction of sentences, and in rhythm—less extravagant and profuse in expression—but more exalted and full of meaning. His Ideality is manifested more naturally with the moral and intellectual faculties, than with Mirthfulness, Constructiveness, and Destructiveness.

Sublimity is large. He is very fond of contemplating the grand, sublime, extended, eternal, and magnificent, particularly in nature, and in wild and romantic scenery, and is very fond of traveling.

His intellectual faculties are very marked in development; and some of them are among the most prominent traits of his character. Eventuality is full; Individuality, Calculation, Causality, and Locality, are large; while Form, Size, Order, Comparison, and Intuitiveness, or Human Nature, are very large. Memory of events, particularly in his department of business, is good. He naturally excels in figures and mathematics, has a good knowledge of places and the geography of the country, and describes, accurately, the various places which he has visited. He is quick to see the cause and origin of things, and readily comprehends their principles; yet his most prominent intellectual qualities are of a literary character, giving him intuitive and correct perception of form, shape, outline, proportion, arrangement, method, system, ability in the use of language, both as to copiousness and choice of words. These faculties, joined with his very large Comparison, give him superior descriptive talents, ability to classify, compare, and criticise. He is also very quick and correct in his perception of the motives of persons, the condition of things, and the results of actions. His perceptive faculties, joined with his Comparison and Human Nature, give him the rare quality of common sense. He learns much from experience and observation, which enables him to keep pace with the spirit of the times, and aid in promoting the real wants of the community. Form, Size, Comparison, and Language combined, would make him correct in orthography, and in learning, understanding, and applying language. He might excel as a critic. He is not given to theorizing, or speculations on visionary subjects, of his own accord, but prefers the real and available. He is more given to perfecting than originating; is less showy and plausible in theory, but more correct in his inferences and conclusions. He is less original, sparkling, and showy, in wit and conversation, but more truthful, condensed, and correct, both as to manner, matter, and language, than most men.

On the whole we think this a remarkable head. His peculiar poetry, character, talents, and disposition, all coincide with the shape and developments of his brain; which indicate a predominance of affection, sentiment, refinement, and intelligence. He is true to nature, and one of her most sincere devotees.

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IN Régine Dœring, Gall pointed out the great size of the organ of Destructiveness, and the great deficiency of that of Love of Offspring. Dœring had had several children, of whom she had secretly got rid.

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GALL pointed out large Acquisitiveness in an old soldier who was among the prisoners. He had been imprisoned for insubordination, however, not for theft; but on making further inquiry, it was found that he had been punished several times in the regiment for having stolen.



## VITAL TEMPERAMENT.

"I find a continual warring in my members, the flesh against the spirit, and the spirit against the flesh; so that when I would do good, evil is present with me."—ST. PAUL.

THE vital temperament greatly predominates in the above cut. The organs of digestion and secretion prevail so much as to crowd upon other vital organs. The mental and motive are active, but their influence on the constitution and character is inferior. He has four ruling faculties of mind—all others merge into them, and are subject to them—Individuality, in the intellect, Benevolence in the moral, Alimentiveness in the selfish, and Amativeness in the social. The three latter, for the most part, have the ascendancy, with occasional exceptions, when the moral and intellectual gain the day. His animal passions and sympathies at times gain a complete ascendancy over the other faculties. A most thrilling account of his life and character could be given, but want of room forbids it. Trifling with his appetite and affections when young caused him much trouble. Persons with this temperament cannot be too careful when young in forming their habits and selecting their associates.

Contrast this head and temperament with those of Bryant and Powers.





FREEMAN HUNT.

WE give the above as a good representation of a favorably balanced organization. With a due exercise of the powers he possesses according to their natural strength, there would be few excesses or deficiencies. The vital temperament has a slight predominance, giving action to the passions and appetites, so that a strong check is necessary. But his motive and mental temperaments are also strong, giving great power of organization, and ability to accomplish whatever he undertakes. He has very strong and active social faculties, and makes many friends because he is so friendly. His energy is equal to any emergency, and he is never idle. He has large Firmness, and is untiring and unyielding in the object of his pursuits. Benevolence is a paramount faculty. It has a very large and active development, and he is notorious for his goodness and kindness. Conscientiousness is another large organ, and integrity, honesty, and uprightness are prominent if not leading characteristics.

His intellectual powers are all prominent, and his talents are both philosophical and scientific. He readily acquires knowledge from external sources, and easily makes himself acquainted with the real condition and quality of things.

His organ of Order is very large; and he is known as one of the most systematic of men, as the appearance of the magazine which he edits and publishes abundantly testifies. His large reasoning faculties, joined with his large perceptive, give him superior judgment, ability to make the most of his knowledge, and to dispose of it to the best advantage.

To sum up, his great power lies, first, in the extraordinary strength combined with the great activity of his organization; and, secondly, in that perfect balance which exists both between his head and body, and also among those phrenological faculties, which give force, moral elevation, and intellectual capacity. His natural powers are every way superior, while all his faculties admirably sustain and beautifully harmonize with all the others.

His head was examined both by my brother and myself, without any knowledge of what the other had said, or of the character of the man. The descriptions were published in the Phrenological Journal for April, 1848

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## HYDROCEPHALUS.

LARGE heads are not sure to have large brains or very good ones. Frequently persons congratulate themselves on account of their large brains, as they suppose; and are firm believers in Phrenology, until they are informed that size is not the only criterion of mental power, for some, literally speaking, are sap-heads, particularly if overgrown. There may, however, be much water within the cavity of the skull, and even in the ventricles of the brain, without destroying mental manifestation, or necessarily impairing the brain. A few cases will serve to illustrate this point.

The most remarkable case is the one represented by the following cut, who has suffered from hydrocephalus. He died at Guy's hospital, in London, when nearly thirty years of age. When nineteen, his head measured thirty-three inches in circumference; twenty-four and a half from one ear to the other, and twenty-three and a half from the root of the nose to the nape of the neck. His head after death contained ten pints of water, nine pints lying between the dura mater and the brain, while one pint was contained in the cerebral ventricles; the convolutions of the left brain were as usual, a few on the right were unfolded, and the posterior lobes were much distended, but the brain was placed or confined by weight of water to the bottom of the skull; his whole brain weighed two pounds fourteen ounces and a half; he manifested the feelings and intellectual faculties, and could read and write.

Gall and Spurzheim mention a woman whose brain contained four pounds of water, who manifested the common share of understanding. Also, a man of considerable learning whose cerebral cavities contained from three to four pounds. At Copenhagen, a girl whose head measured twenty-five inches in circumference, and nineteen inches from the root of the nose to the neck, and



must have contained over eighteen pounds of water, was carried about, and made as much progress at school as ordinary scholars. Another interesting case, whose head was of extraordinary size, is mentioned by Dr. Tobias, of Leipsic, where the person possessed common understanding, and lost it entirely in a fit of passion. The thin external coat of brain was probably ruptured by the unusual excitement, and became embodied with the fluid. Many other instances might be adduced, all showing that in so far as hydrocephalic patients have exhibited the action of the mental faculties, so far have they been in the possession of the cerebrum, unfolded or not unfolded, and no further: and that whenever they have possessed no faculty whatever, the brain has been diluted and death ensued. Spurzheim explains the action of this surplus liquid upon the brain in the following clear manner: "Anatomy shows that the fibres are vertical or perpendicular to the cavities, and that each convolution consists of two layers, but closely allied to each other. If, therefore, water be accumulated in the ventricles so as to act against the convolutions placed around them, it gradually separates the two layers, whose natural position is vertical, and makes them assume a horizontal direction. In this way the convolutions, in large hydrocephalic skulls, are entirely unfolded, and present the smooth surface of a membranous expansion," which were mistaken by some for a second dura mater. So that all the arguments or objections advanced against Phrenology, which are founded upon Hydrocephalus, must vanish. In no case has the brain been entirely obliterated, or its action completely stopped without immediate death being the result.





BENJAMIN FRANKLIN.

BENJAMIN FRANKLIN published an almanac for twenty-five years. In it he said many sensible and witty things. The following are some gleanings, taken from the whole series, one or more from each number, made by the Evening Post. They are owned by John Doggett, Jr., of New York.

Franklin had a large frontal lobe, as well as very large Causality, Comparison, and Mirthfulness, which accounts for many of his remarkable sayings, some of which will be handed down to the latest posterity.

The wonderful popularity of the thoughts of Poor Richard, will be readily comprehended by those who are familiar with the wonderful wisdom, sagacity, and wit, which the author has compressed in his brief and simple sentences. So many years have elapsed since any collection of them has been laid before the American people, that we feel we shall oblige many of our readers by selecting from among them some which have been least hackneyed by quotation.

Take this remark from Richard poor and lame,  
 Whate'er's begun in anger ends in shame.  
 Some men grow mad by studying much to know;  
 But who grows mad by studying good to grow?

If pride leads the van, beggary brings up the rear.

Keep thy shop and thy shop will keep thee.

God heals and the doctors take the fees.

Mary's mouth costs her nothing, for she never opens it but at others' expense.

He that would live at peace and at ease,  
Must not speak all he knows, nor judge all he sees.

He that can travel well a foot keeps a good horse.

The worst wheel of the cart makes the most noise.

He that falls in love with himself will have no rivals.

Against diseases here the strongest fence,  
Is the *defensive* virtue, Abstinence.

Tart words make no friends; a spoonful of honey will catch more flies than a gallon of vinegar.

Drive thy business, or it will drive thee.

A mob's a monster; heads enough but no brains.

Nothing humbler than ambition when it is about to climb.

The discontented man finds no easy chair.

When prosperity was well mounted, she let go the bridle, and soon came tumbling out of the saddle.

The master's eye will do more work than both his hands.

A change in fortune hurts a wise man no more than a change in the moon.

He that has a trade has an office of profit and honor.

A false friend and a shadow attend only when the sun shines.

Plough deep while sluggards sleep,  
And you will have corn to sell and to keep.

If you would not be forgotten as soon as you are dead and rotten, either write things worth reading or do something worth writing.

Nothing dries sooner than a tear.

Great talkers, little doers.

A rich rogue is like a fat hog,  
Who never does good till as dead as a log.

The favor of the great is no inheritance.

Fools make feasts and wise men eat them.

If a man could have half his wishes, he would double his troubles.

If you would keep a secret from an enemy, tell it not to a friend.

Beware of little expenses; a small leak will sink a great ship.

He's a fool that makes his doctor his heir.

Hunger never saw poor food.

#### FRANKLIN'S PROVERBS.

1. TEMPERANCE.—Eat not to dullness; drink not to elevation.

2. SILENCE.—Speak not but what may benefit others or yourself; avoid trifling conversation.

3. ORDER.—Let all your things have their places; let each part of your business have its time.

4. RESOLUTION.—Resolve to perform what you ought; perform, without fail, what you resolve.

5. **FRUGALITY.**—Make no expense but to do good to others or yourself; that is, waste nothing.

6. **INDUSTRY.**—Lose no time; be always employed in something useful; cut off all unnecessary actions.

7. **SINCERITY.**—Use no hurtful deceit; think innocently and justly; and if you speak, speak accordingly.

8. **JUSTICE.**—Wrong none by doing injuries, or omitting the benefits that are your duty.

9. **MODERATION.**—Avoid extremes; forbear resenting injuries so much as you think they deserve.

10. **CLEANLINESS.**—Tolerate no uncleanness in body, clothes, or habitation.

11. **TRANQUILLITY.**—Be not disturbed at trifles, or at accidents common and unavoidable.

12. **CHARITY.**—Be charitable to all, old or young, rich or poor.

13. **HUMANITY.**—Imitate Jesus and Socrates.

## PHRENOLOGY.

HAIL to that science glorious,  
Based on immortal truth,  
Which, over earth victorious,  
Gains manhood, age, and youth;  
Enabling us with pureness  
And power all its own,  
To read with ease and sureness  
Those whom we ne'er have known.

To tell if they are able  
To rise to glory's height,  
In Senate, at the table,  
Or in the daring fight;  
If they will heap up treasures,  
Or rashly spend their gold;  
Indulge in lawless pleasures,  
Or walk in virtue bold.

Then all ye villains cower,  
To some dark nook alone,  
For ANTON with his power  
Will make your failings known;  
Will tell if you have travel'd  
In virtue, love, and light,  
Or whether you have revel'd  
In darkest deeds of night.

But not alone of others  
Does it this power give,  
Thus causing men, like brothers,  
In fellowship to live;  
But each his own proud nature,  
His love of right or show.  
His mental power and stature  
It teaches him to know.

And showing us our weakness,  
It shows us how to mend,  
And teaches us in meekness  
Each other to befriend;  
To look with kind indulgence  
Each on the other's sin,  
And strive for that effulgence  
Which makes all bright within.

Then hail that science glorious,  
Based on immortal truth,  
Long may it reign victorious,  
O'er manhood, age, and youth;  
Teaching to read with pureness  
And power before unknown,  
The stranger's heart with sureness,  
And to correct our own.  
*Zea, Mississippi.* S. R. JONES.

## THIEVING LANDLORD.

Mr. A., practical phrenologist, took board with Mr. B., in the town of C. In examining Mr. B.'s head, Mr. A. found he had too much Acquisitiveness for a well-balanced organization, and consequently kept a sharp eye on his things. He found in a day or two that the books which he had for sale began to disappear, one by one. As fast as they were missing, he kept an account. Suspecting where they had gone, he made a search and found them in the possession of his host. He kept the matter to himself until he was going away, when the landlord presented a full round bill to Mr. A.; whereupon Mr. A. made out a bill, stating that it was for the books in his possession unpaid for. Mr. B., seeing that he was caught, paid for the books, earnestly requesting Mr. A. not to expose him.





### HIRAM POWERS, THE SCULPTOR.

I EXAMINED the head of Mr. Powers many years ago, in Cincinnati, and found him to have a large and fully developed brain, with a temperament most favorable for an active, clear, and elevated mind, as seen in the cut, it being a predominance of the mental.

His largest phrenological developments are Comparison, Causality, Ideality, Constructiveness, Imitation, Individuality, Locality, Form, Size, Order, Benevolence, Adhesiveness, Philoprogenitiveness, and Firmness. He has also large Conscientiousness, Cautiousness, Acquisitiveness, Destructiveness, Mirthfulness, and Approbativeness; and consequently we infer that he has great activity, susceptibility, and intensity of mind.

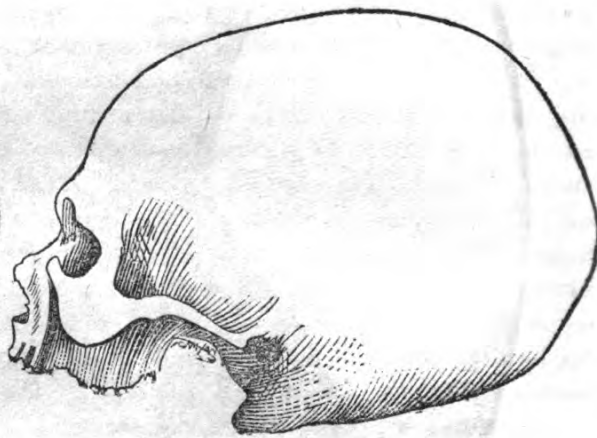
This condition of the brain, joined with large perceptive faculties, Constructiveness and Imitation, as seen in the cut, with large reasoning organs

and Ideality, give him superior natural abilities to construct, imitate nature, design, compare, criticise, and beautify. He has a strong and vivid imagination. His head also indicates unusual kindness, sympathy, friendship, love of children, energy, will, perseverance, ambition, and sense of character. According to the size of other organs not mentioned, their influence is not remarkable, although they may be active under favorable circumstances.

The many specimens of his skill, taste, and delineations of nature, and especially his best production, the Greek Slave, have long since stamped him as the genius of America in that line of the arts.



No. 1.



No. 2.

### EXAMINATION

OF THE CAST OF A SKULL UNKNOWN, BY O. S. FOWLER.

(Published in the Phrenological Journal of July, 1846.)

"FROM these engravings the cast of No. 1 will be seen to be round—and of course wide—short, and conical on the top, and therefore governed by the propensities mainly. It is also low, and short superiorly. Its leading developments are very large Acquisitiveness, Amativeness, Firmness, Combative-ness, and Destructiveness. To this he adds large Secretiveness, Alimentiveness, Veneration, and Marvelousness. His cast of mind was evidently sensual throughout. Conscientiousness and Benevolence were weak, so that there was nothing to stem his powerful current of propensity. Nothing but extra moral training could prevent his being a bad man. If a criminal, he probably robbed, or stole, or obtained money dishonestly; nor would he scruple to commit murder as a means of robbery, or of revenge.

"His intellect was only medium, and the perfect slave of propensity, to gratify which was its main incentive to action. Constructiveness was large. He was artful, cunning, and a thief in the night, as well as very persevering."

The skull from which this cast was taken was left in my office in Pawtucket, R. I., last winter, unbeknown to me, for a public examination. The remarks made were in perfect harmony with the above. The day after, I learned that it was the skull of William Teller, the noted villain, who was executed at Westminister, Conn., in 1832.

Mr. Sizer gave a condensed account of him from Teller's own confession,

published in the December number of the American Phrenological Journal for 1846, which I have condensed as follows:

William Teller says he commenced stealing when eight years of age; was imprisoned before he was thirteen for stealing a watch, but escaped four months after; was convicted again for robbing a shop of money, and again sentenced six months to the same penitentiary under another name, but was released at the expiration of his first term with his first name. He then commenced house-stealing in the day-time, and was very adroit; and three months after the last release, he was again committed for stealing under his true name, his former name being William Tyler, by which he managed to get released at the expiration of his former conviction. Thus before he had reached his thirteenth year, he had been convicted three times for felony, and sentenced to eighteen months' imprisonment, but of that number had served out only *four*! Being released, he continued his house-stealing. Scarcely a day passed during which he did not commit some larceny, or pass counterfeit money. At fifteen he was sent to sea, to put him out of the way of temptation. There he was often flogged for theft and turbulence. Returning home, he left the captain by stealing a bundle of his money when carrying it to his house. He then commenced pocket-picking, and resumed house and store-breaking in New York, and cities up the North River, and after perpetrating some fifty feats of daring and adroit robberies, was convicted in New York for stealing, and sent for three years to the state prison. There he had a desperate fight to extricate himself, but failed. His sentence expiring, threw him on the world, a perfect villain and desperado, destitute of principle, and regardless of consequences. In 1830, he was convicted for passing counterfeit money in Hartford, Conn., and sentenced to fifteen years hard labor in the Connecticut state prison. In 1832 he made false keys under the very eye of the overseers—having large Constructiveness and Secretiveness—unlocked his own cell, and those of several other prisoners; and then in an effort to disable the keeper who was on guard, he gave the fatal blow for which he was executed. His skull can be seen at our office.

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In 1835, while practicing Phrenology in Louisville, Ky., Dr. J. R. Buchanan, then associated with me, visited the workhouse of that city, and while examining the head of a man, said to him, "You have very large Alimентiveness, Acquisitiveness, and Combativeness. You are prone to steal things to eat or drink, and would not mind fighting for your prey rather than to lose it." The doctor was afterward informed that he was confined for stealing a woman's hams out of the smoke-house. She, on hearing him, went out to defend her hams; he turned and fought her until he conquered, then caught the hams and ran.

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PHYSIOLOGY and Phrenology are now introduced into many primary schools throughout the country, particularly in New England. We have had orders for Mrs. Fowler's text-books for schools from England, to be introduced there.



LOUIS NAPOLEON, PRESIDENT OF FRANCE.

WE have no means of knowing the character of this man except from public prints and the likenesses before us. He has a well-balanced and strongly marked temperament; all his features are bold and round, indicating strength and durability, but not brilliancy, show, or display. Minds with such a temperament do not mature early, nor develop themselves without strong motives, requiring an effort. He is long-lived, and has a healthy constitution. His head indicates conservativeness, practical judgment, and a well-balanced mind, with hardly points enough about it to lead to extremes of action. The most remarkable point of interest in the man at present is, that he is the first President of the new republic of France because his name is Napoleon; but if his abilities are correctly represented in the above cut, time will prove him ~~worthy~~ of his office, and the confidence of the people.



COL. DANIEL BOONE.

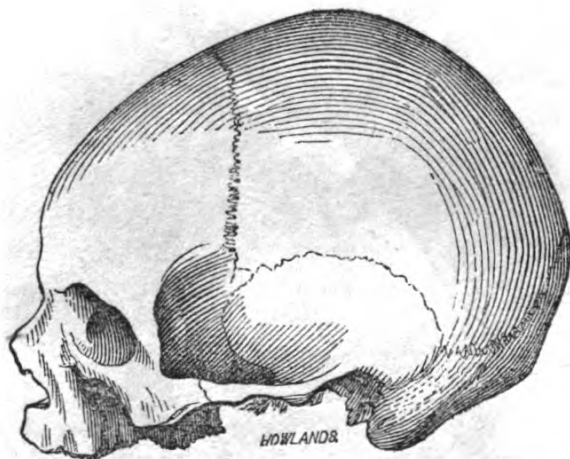
THE cast of his head is of more than ordinary size, and indicates a large, enduring frame, with a strongly marked temperament. The basilar and occipital regions are large; consequently, I infer that he possessed great energy and force of character, strength of feeling and passion; was very courageous, and fond of the hardships of life. These qualities, joined with his very large Firmness, produce a great amount of mental power, resolution, fortitude, determination, will, and unsurpassed presence of mind in times of danger. Few heads exhibit more of the faculty of Firmness as well sustained by the propensities. Philoprogenitiveness and Adhesiveness are large and apparently active. Approbativeness is also prominent, and ambition must have been a predominant trait of his character. Secretiveness and Cautiousness were large, giving great tact, forethought, management, adroitness, reserve when necessary, and ability to cope with the cunning and evasive. Ideality, Sublimity, and Mirthfulness are large; which made him very fond of the grand, sublime, terrific, and extended in nature; he should have been full of fun, good in repartees, and could be very sarcastic. Self-Esteem was moderate, which made him more familiar than dignified, distant, or haughty.



The perceptive intellect was large, and the reasoning faculties full; hence he was a great observer, a matter-of-fact man, remarkable for his practical judgment, had a good mechanical eye, was an excellent marksman, and had good descriptive talents.

Locality was large; giving excellent memory of place, judgment of the points of compass, and his desire to travel must have been very great. He had more ability to think and reason than to originate and elucidate principles.

Size, Locality, Individuality, and Weight were particularly large, as seen in the portrait.



His moral organs were not as fully developed as the other faculties, and probably his prominent traits of character did not arise from that source.

Benevolence was rather defective; his sympathy for others could not have been great; he may have been honest, but his head indicates more honor than generosity. Acquisitiveness is also moderately developed in the cast. His desire for gain was not sufficiently strong for a well-balanced mind, so that his selfishness did not produce his want of benevolence. If we compare the cut of his skull with that of others, we shall perceive that it is remarkable in shape, and just adapted to his manners and customs of life. He was distinguished as a discoverer, adventurer, traveler in the vast wilderness and a hunter, was celebrated as a marksman, and preferred to live away from civilized society in the retirement of the forest glen. To him Kentucky is greatly indebted as a pioneer, settler, and defender of the frontiers from the Indians.

The cast of his head can be seen in our office, and the excellent likeness of him was taken from the National Portrait Gallery.

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THE editor of the Chronotype utters the following opinion on smoking and smokers:

"A man who smokes is a fool—because he parts with his money for mere smoke—because he is made no fatter, richer, or wiser by it—because for every ounce of pleasure derived from it, he has to pay an ounce of pain, with interest—because he cannot stop the practice when he is sick of it—because he makes himself a nuisance to persons of cleanliness and taste."



## RICHARD DUNPHY.

WE copy the following from the *Courier and Enquirer*. We have spoken frequently of young Dunphy, who is one of the most promising artists in this country :

Some months since we mentioned the extraordinary talents for sculpture exhibited by a young lad named Richard Dunphy, who took two medals for works exhibited at the Fair of the American Institute, before he had received the slightest instruction in the art. He has since made several busts of gentlemen in the city, and among them one of Col. Webb, which strikes us as a most admirable likeness, and as affording renewed and still stronger evidence of talents which, if properly cultivated, cannot fail to give the young sculptor a distinguished rank among the artists of his country. It is an admirable piece of work, and would do no discredit to the oldest and most eminent of our sculptors.

His first effort, and the work by which his genius was first discovered, was the cutting from alabaster with his penknife a statue of Dr. Franklin ; and this was done when he was a mere boy. He has since cut a number of cameos, and made seven busts ; and is now, we understand, under the instruction of the distinguished American sculptor, Mr. H. K. Brown, who will not fail, we trust, to educate and develop his talents in the way best calculated to enable him to reach that degree of distinction for which he seems to have been destined.—N. Y. EXPRESS.

I have examined the head of young Dunphy, and find, as seen in the cut taken from a bust in our office, that Constructiveness is the largest organ in his head. I have seldom, if ever, seen it larger, which, joined with his large Imitation, and very large perceptive faculties, give him unusual versatility of talent, accuracy, readiness, and ability as an artist. With such a combination of faculties as his head indicates, he could hardly fail of being eminently successful in the business he has chosen, or any kind of mechanism requiring ingenuity, imitation, perceptive intellect, and comparison. He also has a superior talent to perfect what he does, and improve upon the work of others. He might excel in making musical instruments, if not in performing music. His talents are practical rather than theoretical, and his work will be true to nature, and useful rather than imaginative. His head, in other respects, is no way remarkable, excepting that he has strong will, energy, and ambition, with comparatively weak Self-Esteem, Veneration, and Spirituality.

So far as his character has been manifested, it is in harmony with the developments of his brain, which adds another fact in favor of Phrenology.

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## IMPERFECT SPECIMENS OF HUMANITY.

From the "Rationale of Crime."



E. S.



D. R.

E. S. is a lad about seven years of age, at the Long Island Farms. He is noted among his companions as a mischievous, stubborn, uncontrollable boy. He is exceedingly impulsive; very difficult to manage, and constantly inclined to vicious and cruel deeds.

The organization shows great development of propensity, with very deficient moral faculties, and moderate intellect.

D. R. is the portrait of an idiotic boy in the Farm School, Long Island. He is very imperfect in his physical developments and also in mental capacity; being utterly incapable of receiving instruction of any kind. The size of his brain, it will be seen, is exceedingly small, and its proportions very low. Nearly the whole development belongs to the animal faculties.





J. B.

J. B. is an inmate of the Penitentiary on Blackwell's Island. He is reported on the books as early as 1839. His offence on that occasion does not appear. Early in 1843, he was returned to the prison on three indictments, one for assault and battery, and the other two for petit larceny. He was sentenced to six months on each. His first term had but just expired when he escaped, made a voyage to the East Indies, and in 1845 was returned on another indictment for petit larceny, under a sentence of six months. Before this sentence expired, he effected another escape, but was soon retaken.

His disposition is exceedingly determined; he is shrewd and cunning, and withal remarkably ingenious. He is exceedingly impatient, and chafes very much under confinement; is quarrelsome and much given to fighting.

The head is high in the region of Self-Esteem and Firmness, indicating a strong sense of personal independence and love of freedom. This is one of the first facts that would strike a phrenologist; and it is remarkably verified by his frequent escapes and long voyage. Combateness is largely developed, and although the head is tolerably high, as a whole, yet the moral region is very defective, there being but a very scanty development above Cautiousness and Causality.

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### FABLE.

THE sword of the warrior was taken down to brighten; it had not been long out of use. The rust was soon rubbed off, but there were spots that would not go—they were of blood. It was on the table near his secretary. The pen took advantage of the first breath of air to move a little further off.

"Thou art right," said the sword, "I am a bad neighbor."

"I fear thee not," said the pen, "I am more powerful than thou art; but I love not thy society."

"I exterminate," said the sword.

"And I perpetuate," answered the pen; "where were thy victories if I recorded them not? Even where thou thyself shalt be one day—in oblivion."



MRS. MARY RUNKLE.

THE reader will perceive that this is a remarkable head in shape. A Daguerreotype was taken with great care by Professor Davies, of Utica, showing the hair wet and smoothed down, so that we have the exact shape of the head. The temperament is most uninviting for a woman, the motive or bilious being greatly predominant. There is not enough of the vital to give ease, smoothness, pliability, or warmth; nor enough of the mental to favor refinement, delicacy, or a high degree of intellectuality.

Acquisitiveness, Destructiveness, Secretiveness, Cautiousness, Self-Esteem, and Firmness were very large, and the predominant organs of the head. They had a controlling influence in the character. The moral sentiments were very weak, particularly Benevolence, as seen in the cut. Having extreme developments, she was prepared for extreme actions and mental manifestations in times of excitement or temptation.

Suspicious rested on her for several years before her last crime. A peddler, who had considerable money, and valuable dry goods, etc., was last seen and heard of at her house, where he stopped over night. After that some of her children were telling some of the neighbors how many new dresses they had or were going to have. Not long after that two of her children were found drowned in a tub of water, heads downward. But nothing was proved against her until she moved to Utica, where she was tried, convicted, and executed for the murder of her husband. He had some property, but was gradually drawing on the principal for his support, to which, we may suppose, she thought she had a better right; and in her struggle to kill him, she

fell upon him, and choked him to death by the gripe of her hand. All the evidence gained on this subject goes to sustain this view of the subject. The testimony was all circumstantial, except that of her daughter, which was not admitted.

Young men and young women, look well to the developments of the brain, as well as other things, if you wish to live happy in your marriage relations.

## DOUBLE TEST EXAMINATIONS.

THAT Phrenology is so nearly an "exact science" as to answer all practical purposes; that it proves true to itself, and that phrenologists go *by rule* in measuring mentality, is illustrated by the following double test examination made by our friends P. L. Buell and N. Sizer, each in the absence of the other. The subject was W. A., of P., Vt.

By P. L. Buell: This man is coarse and vulgar in conversation, harsh, rough, and quarrelsome in conduct; cares nothing for the opinions of others; has no respect for God or man; is a glutton; always cheerful; fond of lascivious jokes; cruel, weak-minded, stubborn, and proud.

By N. Sizer: This man is proud, vindictive, overbearing, saucy, insolent, reckless of character, blasphemous, destitute of friendship and honesty, vulgar, coarse, obscene, profligate of property, licentious, and slanderous.

The graphic correctness of the descriptions was acknowledged by the subject himself, and approved by the audience by general acclamation.

WHILE in Springfield, a few months since, Mr. Colburn introduced himself to me, saying that I examined his head in 1838, in Lowell, and advised him to get an education, and be a professional man, for he had the right kind of talents for it, and would make a good speaker. He said he took my advice, left his machine-shop that day, went to studying, and had now been preaching several years with success; and should ever remember with the deepest gratitude the advice I gave him on that occasion, for it had been of very great service to him. Said he, "I am indebted to Phrenology for my present position in society." Many facts of a similar nature might be mentioned.

**PUNCTUALITY IN BUSINESS.**—Method is the very hinge of business. There can be no method without punctuality. It is also important because it sub-serves the peace and good temper of a family; the want of it not only infringes on necessary duty, but sometimes excludes this duty. The calmness of mind which it produces is another advantage of punctuality. A disorderly man is always in a hurry; he has no time to speak to you, because he was going elsewhere. And when he gets there he was too late for his business, or he must hurry away before he finishes it.

Punctuality gives weight to character. "Such a man has made an appointment; then I know he will keep it." And this generates punctuality in you; for like other virtues, it propagates itself. Servants and children must be punctual where their leader is so. Appointments, indeed, become debts. I owe you punctuality, if I have made an appointment with you; and I have no right to throw away your time if I do my own.—*Merchant's Magazine.*



MRS. MARGARET PRIOR.

By contrasting this cut with that of the murderess, you will find a great difference. Mrs. Prior was distinguished for her real kindness, energy, wisdom in the practical, common sense matters of life, and excellent judgment and capacity to advise. Few persons ever made their lives more useful to others than did Mrs. Prior during her residence in New York, as will be evinced to all who read "Walks of Usefulness," or "Reminiscences of Mrs. Margaret Prior." Her whole energies were expended in relieving distress, and she might have been oftenest found where no other person could have been persuaded to go, on account of the surrounding filthiness and abhorrent circumstances, doing what she could to assuage the pangs of suffering humanity.

We might give any amount of facts illustrative of her perfection of character, did space permit; but if we should commence, we should not know where to stop, they were so numerous, as many, still living, daily testify.

Thus we see that her character corresponds with her phrenological developments. Notice her full and expanded frontal lobe, also the height of her head, indicating an elevated tone of mind and feeling; and we may well conclude her to be fully qualified for the station to which she was appointed by the Moral Reform and Guardian Society, as City Visitor.



### PHINEAS STEVENS, ENGINEER.

#### MOTIVE OR BILIOUS TEMPERAMENT.

**THIS** is a most marked organization, both mentally and physically. His temperament indicates unusual ability to labor, endure, and accomplish. He is very tough, strong, and thorough, and prepared for the roughest and most responsible kind of labor. His physiognomy is as marked as his physiology and phrenology, indicating development as well as activity of mind. His head is large, broad at the base, and high in Firmness and in the intellectual lobe; from which we infer, that he is very energetic, forcible, firm, persevering, determined, ambitious, original, clear-headed, and ingenious, great at designing, planning, and originating, with the rare ability to see results from the beginning. Such men seldom if ever fail in their undertakings, and they are always ready to take hold of what others have failed to accomplish. They are the master-spirits in community; they both begin and finish; fight their own battles, and then turn in and help their neighbors. They take the lead

# THE UTILITY AND IMPORTANCE OF PHRENOLOGY.

To Know Ourselves is a matter of the greatest importance, and there is no other means by which we can acquire this knowledge so well as by the aid of Phrenology. It teaches us for what occupation in life we are by nature best qualified, and in what pursuit we may be most successful.

It is of the utmost importance to Parents and Teachers, as it will unfold the true capacities and dispositions of their children and pupils, and thus enable them the more successfully to govern and instruct them.

It will enable the Physician to understand the causes of Insanity, and greatly assist him in restoring his patient.

It will aid Manufacturers in selecting Apprentices best adapted to particular occupations, Merchants in selecting confidential Clerks, Shipmasters in selecting crews, and, what is of still more importance, will guide us correctly in selecting Congenial Companions for life, and enable us to adapt ourselves to each other, when a difference in disposition exists.

It is a Powerful Lever in Self-Improvement, in Moral and Intellectual advancement.

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Books relating to Phrenology, Physiology, Physiognomy, and Magnetism, also on all the Natural Sciences, can be obtained at the Phrenological Cabinet. The demand for this class of publications has very greatly increased during the last few years. A complete Catalogue may be had of the publishers, on application, either by mail or otherwise. These works are now sold by Agents in many parts of our country. Every family should be supplied with a complete set, which may be obtained at a small price, by mail or express.

### THE AMERICAN PHRENOLOGICAL JOURNAL.

This is a monthly publication, containing thirty-two large octavo pages, on good type and paper, illustrated with the portraits of many distinguished individuals. This Journal has obtained a wide reputation. It has been regularly published for ten years, and has a circulation of over twenty thousand. Read the following

### OPINIONS OF THE PRESS.

This work is ultimately destined to produce a much desired reform in our modes of living.—*N. Y. Tribune.*

No mother who is rearing a family should be without this valuable work. It is exceedingly cheap at \$1 a year.—*N. E. Cataract.*

It occupies a place which is filled by no other work, and has acquired a reputation which nothing but real worth can secure; and what is more important, its articles are perfectly ADAPTED to the WANTS OF SOCIETY.—*Primitive Expounder.*

It is one of the ablest and most interesting works ever published.—*St. Mary's Sentinel.*

Each number of this monthly contains portraits of distinguished persons, illustrative of their phrenological developments.—*Kingston Democratic Journal.*

The high reputation of the editors, as practical phrenologists, offers a sufficient guaranty that the subjects treated are handled in a skillful manner.—*Alton Telegraph.*

It is filled with interesting and valuable matter, and is a sterling work.—*W. L. Messenger.*

The above are but a few of the favorable notices which we are daily receiving from all parts of the country, and we are happy to feel that our labors are appreciated.

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